

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-52018

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 7-20-9-16

9. API Well No. 43-013-3310

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NE Sec. 20, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/NE 2098' FNL 1961' FEL 573386X 40.017850
At proposed prod. zone 4429883Y -110.140083

14. Distance in miles and direction from nearest town or post office*
Approximatley 14.7 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 542' f/lease, NA' f/unit

16. No. of Acres in lease
640.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1250'

19. Proposed Depth
5950'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6078' GL

22. Approximate date work will start*
2nd Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
3/21/06

Approved by (Signature)
Bradley G. Hill
Title
Environmental Manager

Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date
03-27-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212. make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

MAR 23 2006

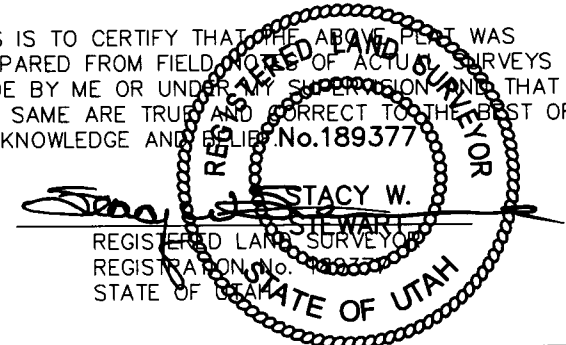
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 7-20-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 20, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



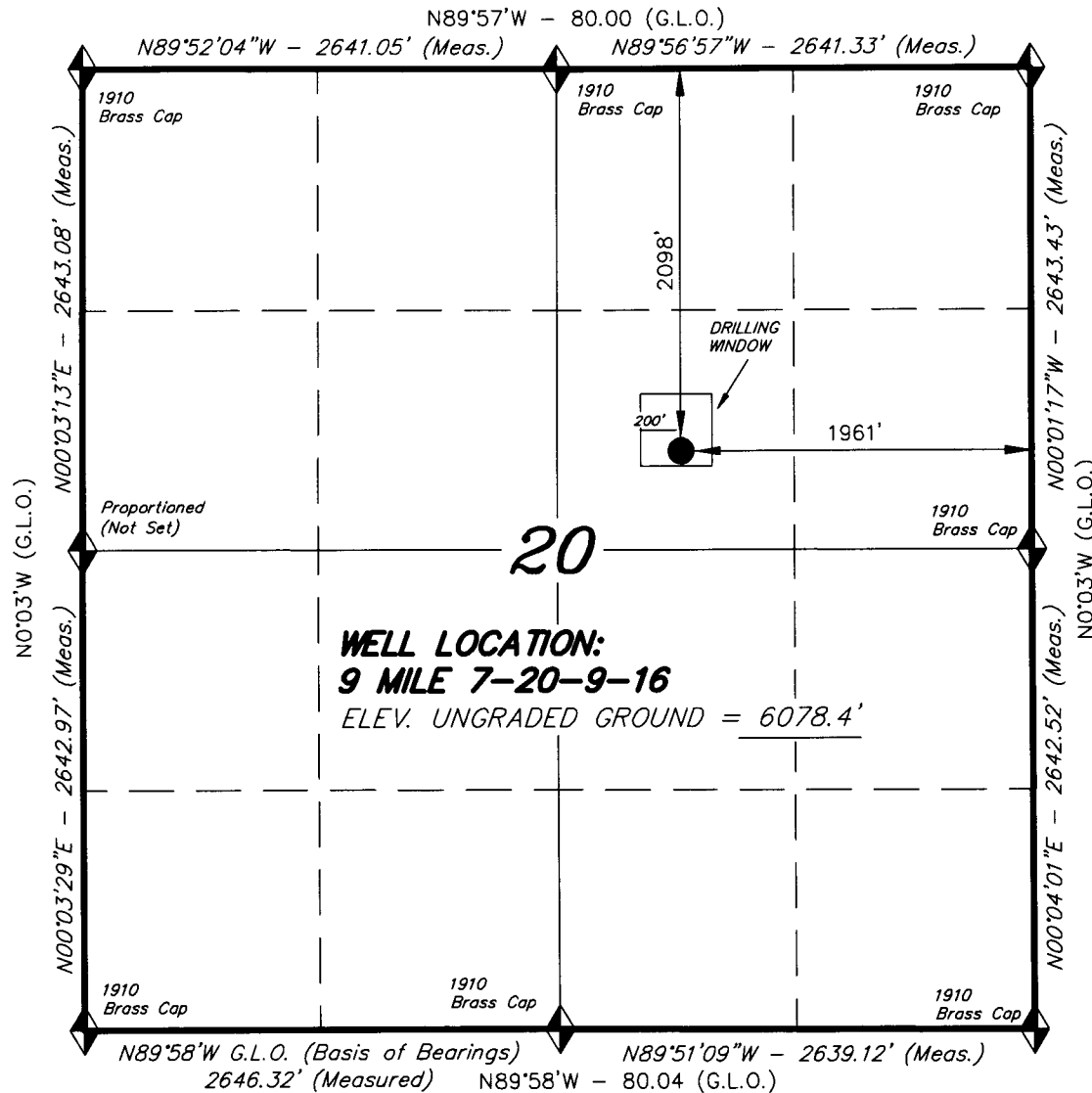
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 03-09-06	SURVEYED BY: C.M.
DATE DRAWN: 03-14-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 7-20-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 04.30"
LONGITUDE = 110° 08' 26.77"



March 21, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 7-20-9-16, 8-20-9-16, 10-20-9-16,
16-20-9-16, and 10-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 16-20-9-16 location is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

MAR 23 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #7-20-9-16
SW/NE SECTION 20, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2355'
Green River	2355'
Wasatch	5950'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2355' – 5950' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #7-20-9-16
SW/NE SECTION 20, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #7-20-9-16 located in the SW 1/4 NE 1/4 Section 20, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 2.0 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 0.2 miles \pm to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly along the proposed access road - 890' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #7-20-9-16 Newfield Production Company requests 890' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 890' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 890' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location

between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #7-20-9-16 was on-sited on 1/25/06. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), Chris Carusona (Bureau of Land Management), Todd MaGrath (Bureau of Land Management), Brandon McDonald (Bureau of Landmanagement), and a SWCA Representative. Weather conditions were clear and ground cover was 30% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

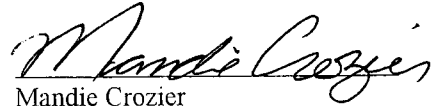
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-20-9-16 SW/NE Section 20, Township 9S, Range 16E: Lease UTU-52018 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and

subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/21/06

Date

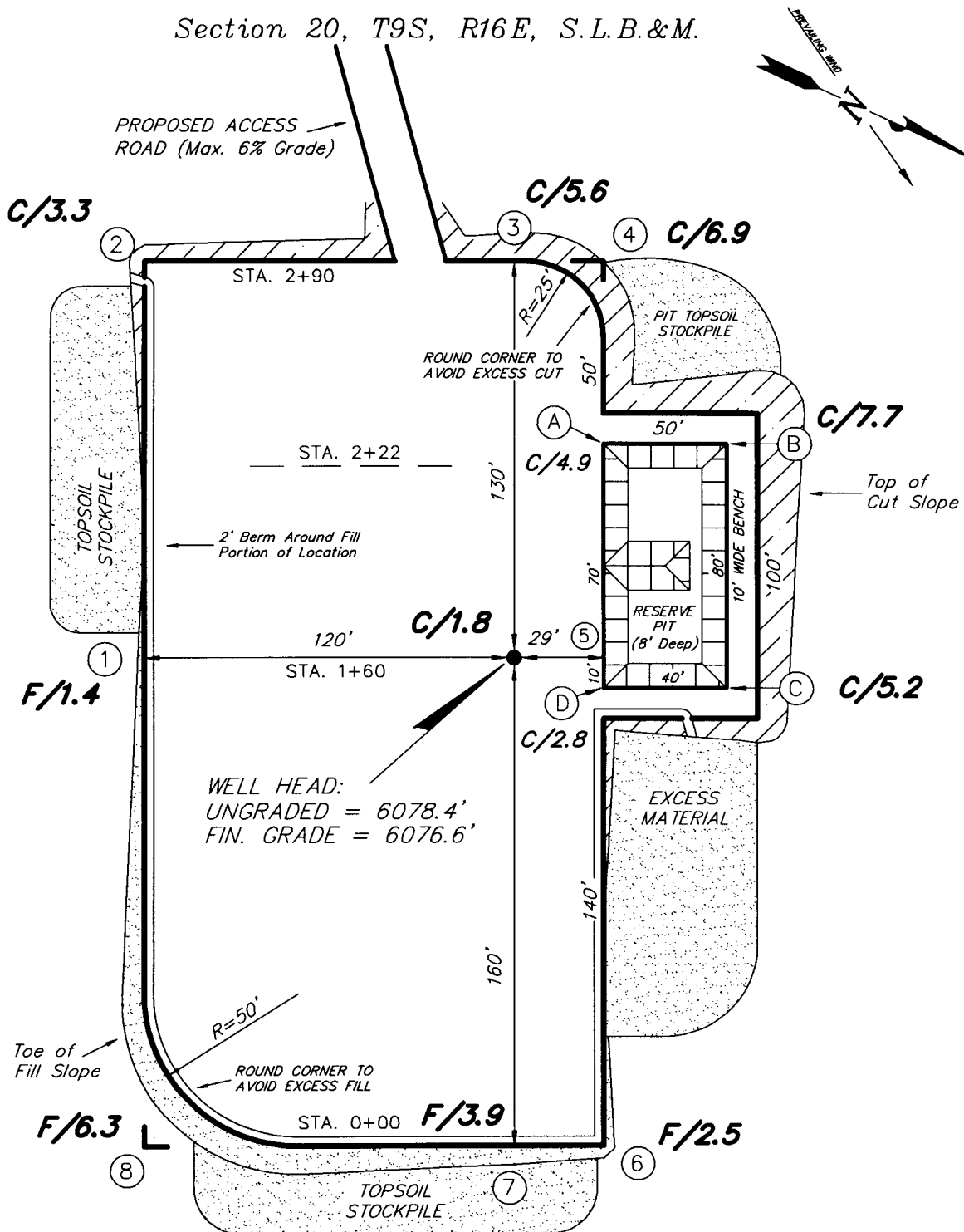
A handwritten signature in cursive script, reading "Mandie Crozier", written over a horizontal line.

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 7-20-9-16

Section 20, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' SOUTHEASTERLY = 6075.1'
220' SOUTHEASTERLY = 6075.6'
210' NORTHEASTERLY = 6070.7'
260' NORTHEASTERLY = 6068.7'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

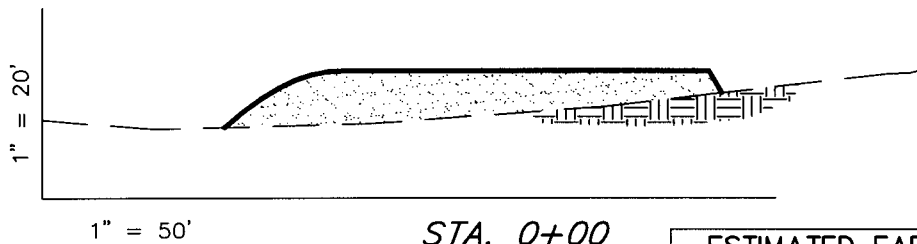
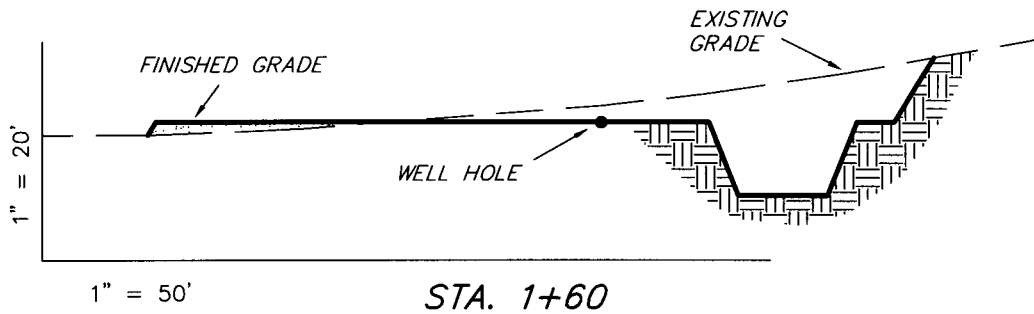
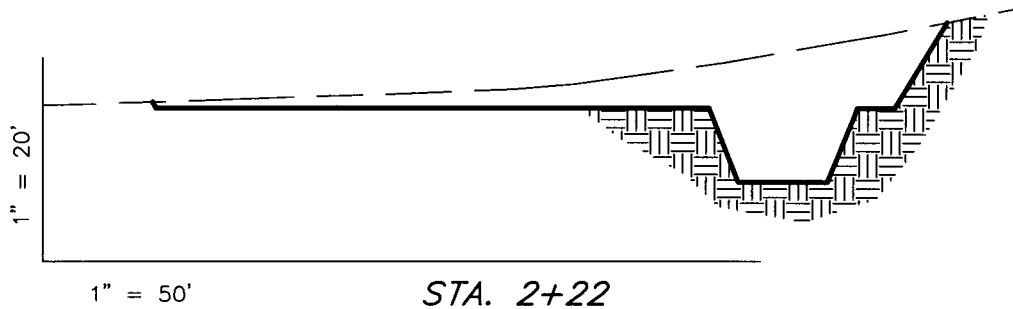
DATE: 03-14-06

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS
9 MILE 7-20-9-16



NOTE:
 UNLESS OTHERWISE NOTED
 ALL CUT/FILL SLOPES ARE
 AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,700	2,690	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	3,340	2,690	1,000	650

SURVEYED BY: C.M.

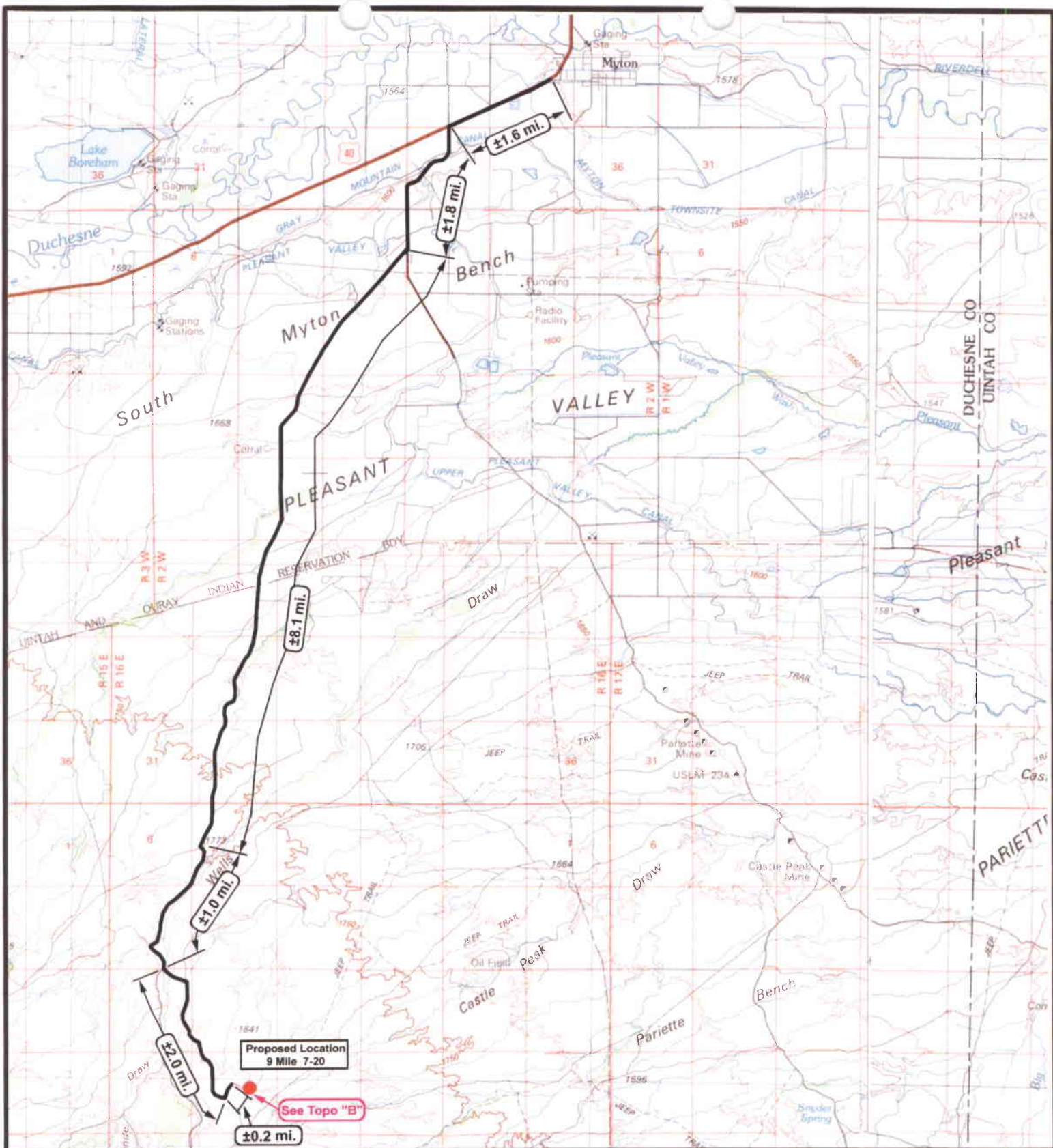
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 03-14-06

(435) 781-2501

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 7-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



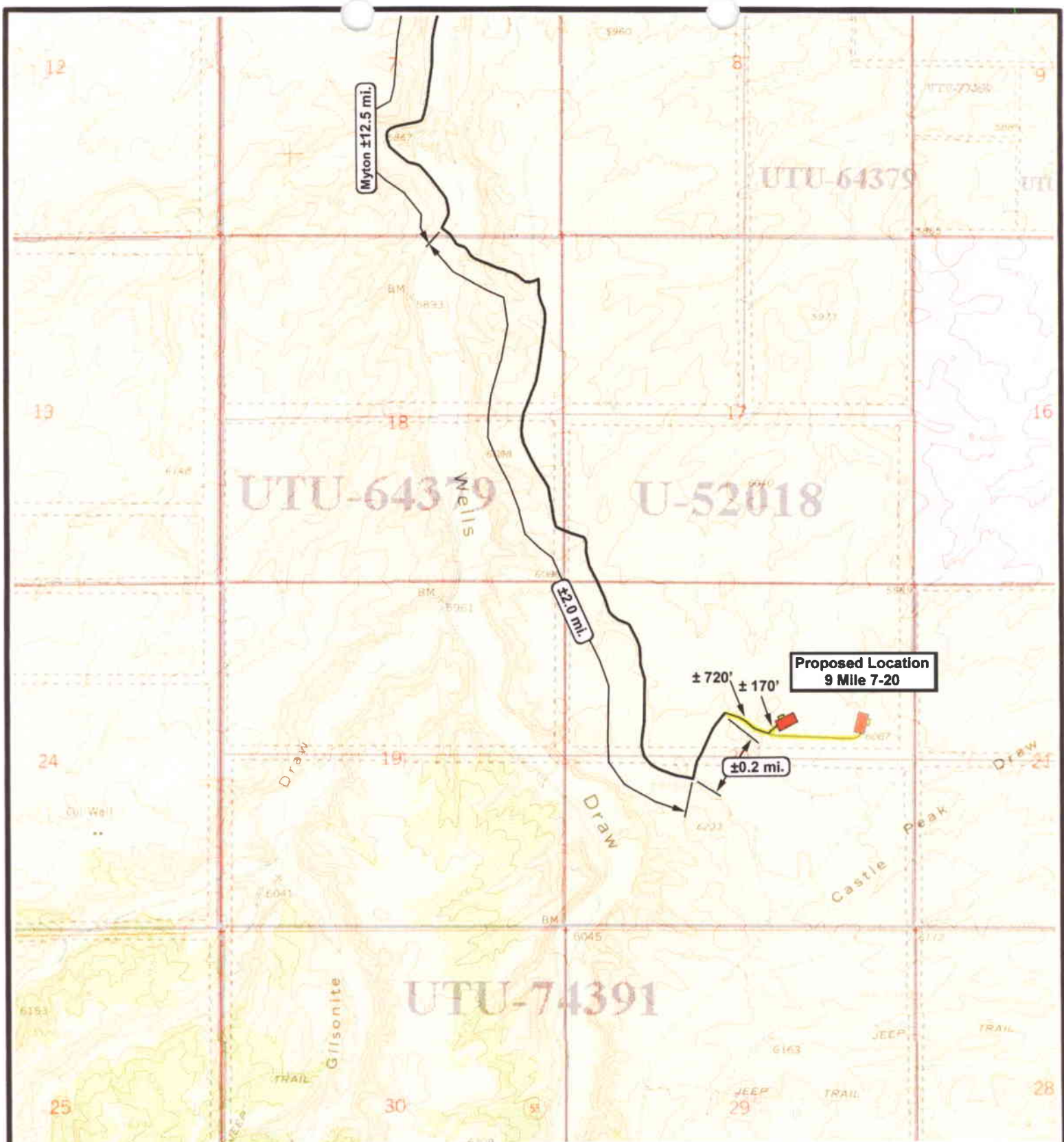
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 03-15-2006

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 7-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

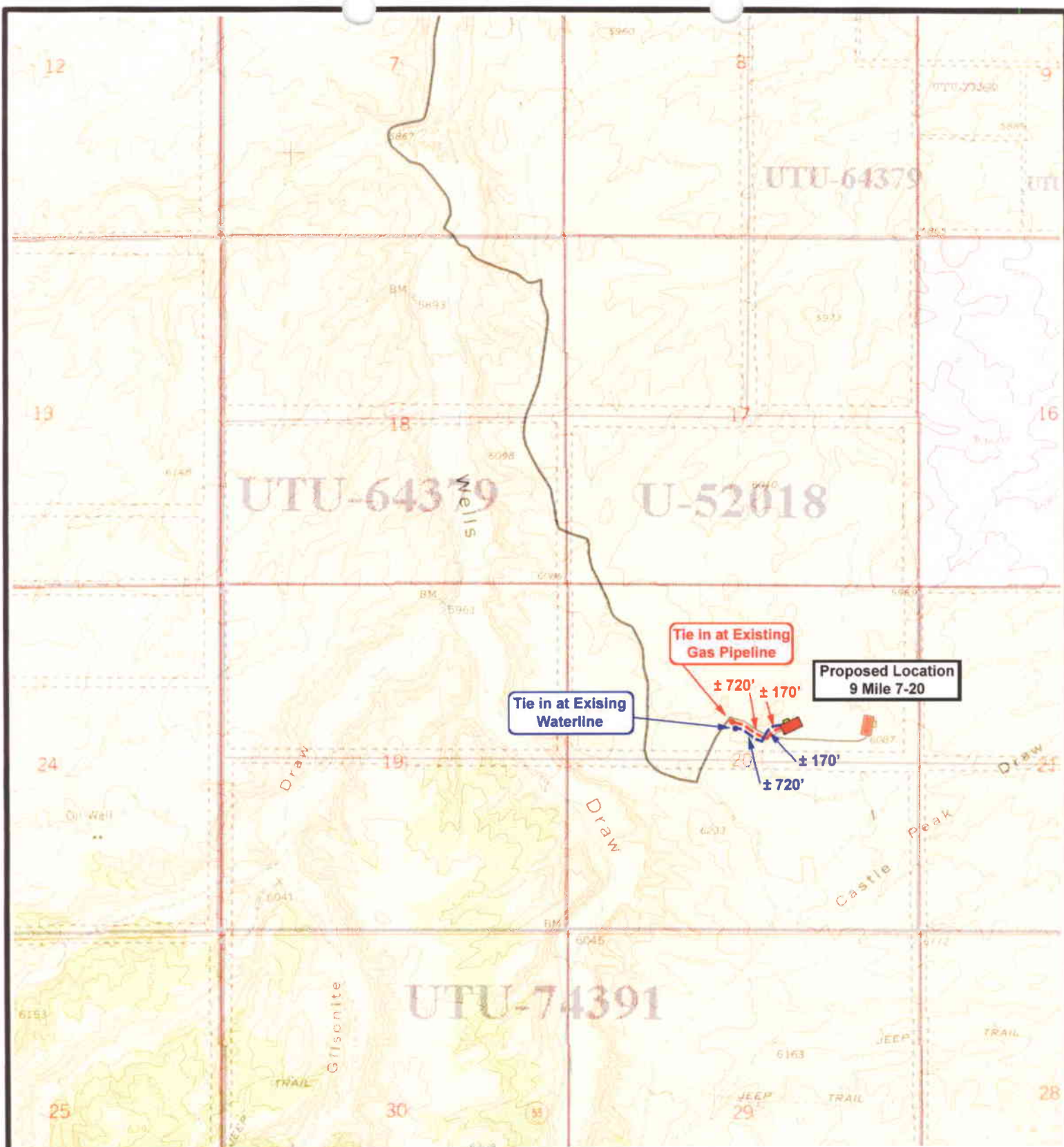
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 03-15-2006


Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

9 Mile 7-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

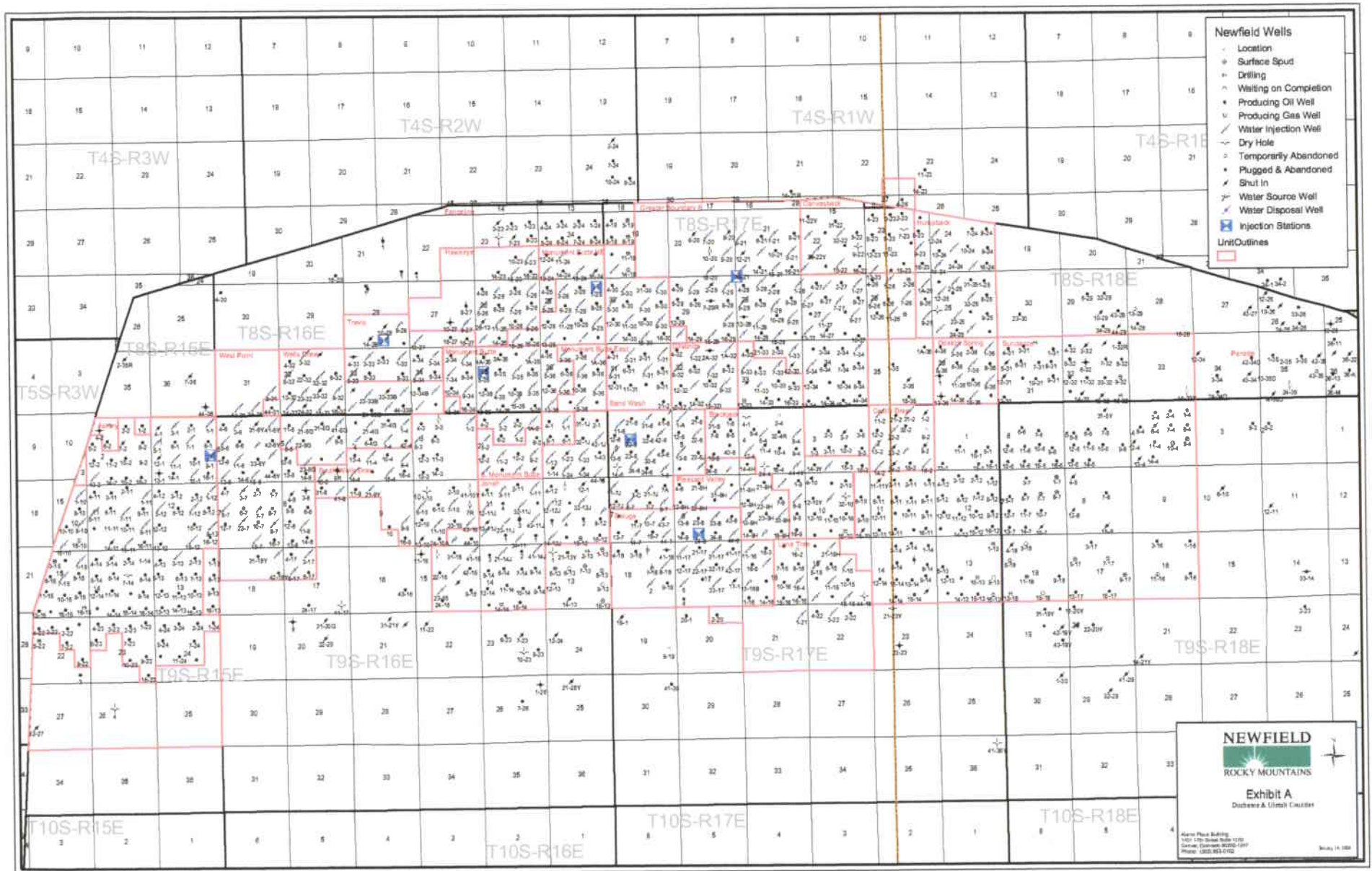
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 03-15-2006

Legend

— Roads
- - - Proposed Gas Line
- - - Proposed Water Line

TOPOGRAPHIC MAP

"C"



2-M SYSTEM

Blowout Prevention Equipment Systems

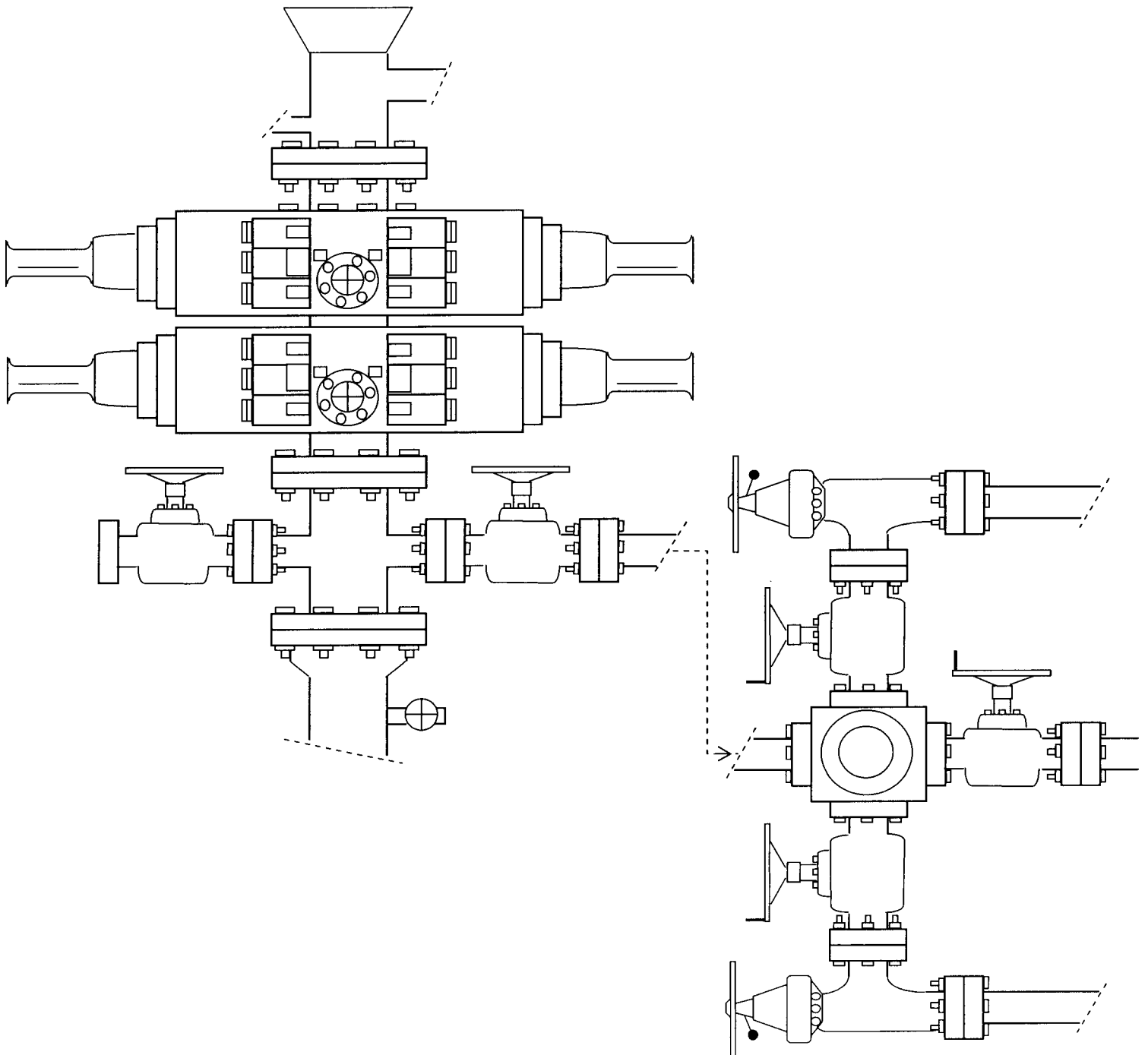


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-225

July 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/23/2006

API NO. ASSIGNED: 43-013-33106

WELL NAME: FEDERAL 7-20-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 20 090S 160E

SURFACE: 2098 FNL 1961 FEL

BOTTOM: 2098 FNL 1961 FEL

COUNTY: DUCHESNE

LATITUDE: 40.01786 LONGITUDE: -110.1401

UTM SURF EASTINGS: 573386 NORTHINGS: 4429883

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-52018

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. MUNICIPAL)
- ☒ RDCC Review (Y/N)
(Date: _____)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

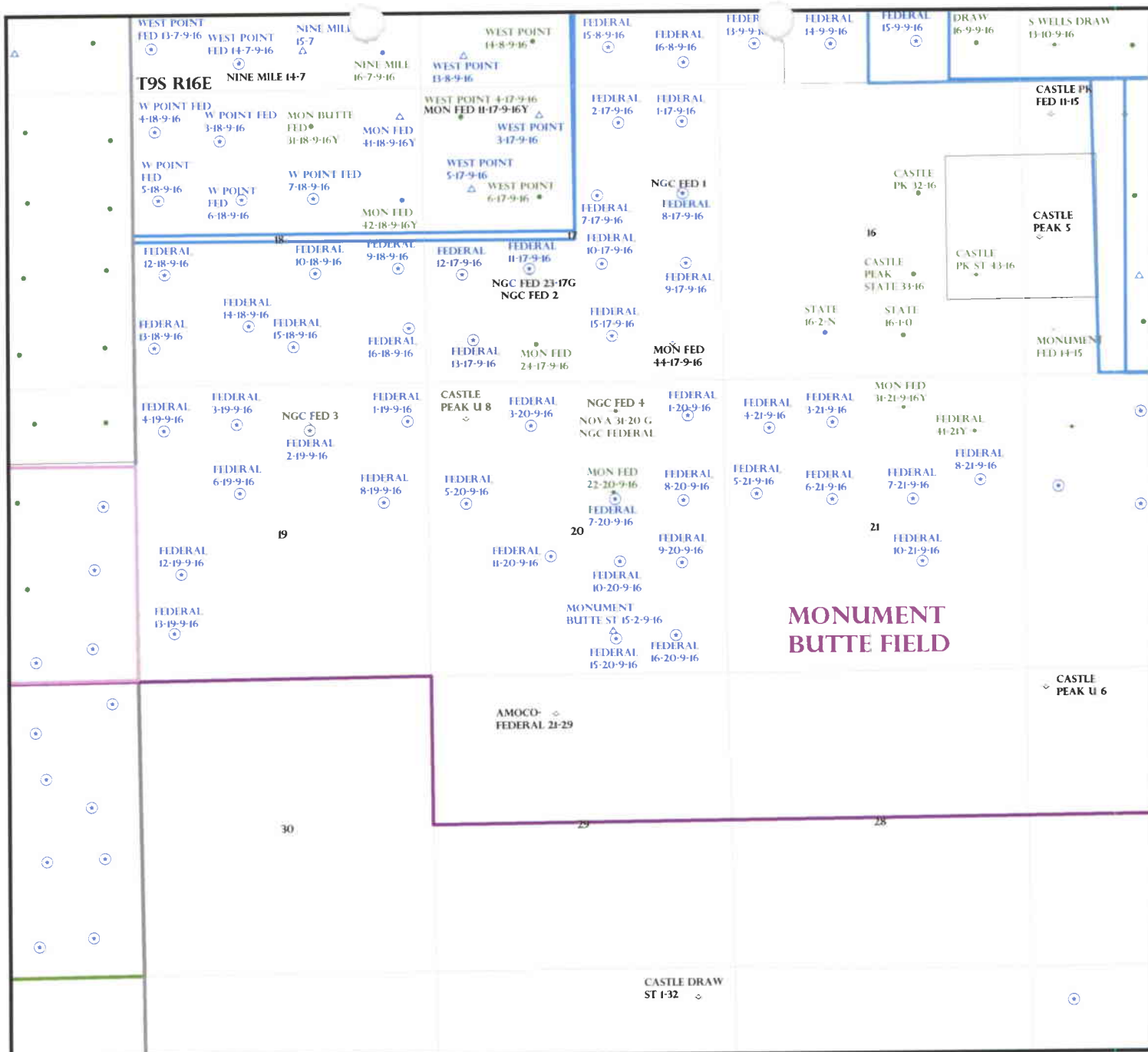
- R649-2-3.
- Unit: _____
- ☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: _____

Sep, Seperate file

STIPULATIONS: _____

1. Federal Approval
2. Spacing Strip



MONUMENT BUTTE FIELD

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19,20,21 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

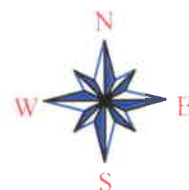
SPACING: R649-3-2 / GENERAL SITING

Field Status
 ABANDONED
 ACTIVE
 COMBINED
 INACTIVE
 PROPOSED
 STORAGE
 TERMINATED

Unit Status
 EXPLORATORY
 GAS STORAGE
 NF PP OIL
 NF SECONDARY
 PENDING
 PI OIL
 PP GAS
 PP GEOTHERML
 PP OIL
 SECONDARY
 TERMINATED

Wells Status

GAS INJECTION
 GAS STORAGE
 LOCATION ABANDONED
 NEW LOCATION
 PLUGGED & ABANDONED
 PRODUCING GAS
 PRODUCING OIL
 SHUT-IN GAS
 SHUT-IN OIL
 TEMP. ABANDONED
 TEST WELL
 WATER INJECTION
 WATER SUPPLY
 WATER DISPOSAL
 DRILLING



PREPARED BY: DIANA WHITNEY
 DATE: 24-MARCH-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 27, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 7-20-9-16 Well, 2098' FNL, 1961' FEL, SW NE, Sec. 20, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33106.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 7-20-9-16
API Number: 43-013-33106
Lease: UTU-52018

Location: SW NE **Sec.** 20 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

MAR 24 2006

CORNER, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-52018

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

N/A

8. Lease Name and Well No.

Federal 7-20-9-16

9. API Well No.

43 013 33106

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

SW/NE Sec. 20, T9S R16E

12. County or Parish

Duchesne

13. State

UT

17. Spacing Unit dedicated to this well

40 Acres

20. BLM/BIA Bond No. on file

UTB000192

23. Estimated duration

Approximately seven (7) days from spud to rig release.

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface SW/NE 2098' FNL 1961' FEL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximatley 14.7 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)

Approx. 542' f/lease, NA' f/unit

16. No. of Acres in lease

640.00

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.

Approx. 1250'

19. Proposed Depth

5950'

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

6078' GL

22. Approximate date work will start*

2nd Quarter 2006

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Mandie Crozier

Name (Printed/Typed)

Mandie Crozier

Date

3/21/06

Title

Regulatory Specialist

Approved by (Signature)

Jerry Kewels
Assistant Field Manager
Land & Mineral Resources

Name (Printed/Typed)

Jerry Kewels

Date

2-8-2007

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTES OF APPROVAL

RECEIVED

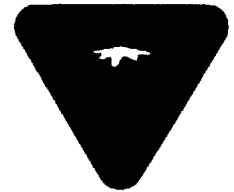
JAN 14 2007

DIV. OF OIL, GAS & MINING

07BM4699A



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400**



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company	Location: SWNE, Sec 20, T9S, R16E
Well No: Federal 7-20-9-16	Lease No: UTU-52018
API No: 43-013-33106	Agreement: N/A

Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	Cell: 435-828-
Petroleum Engineer:	James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
NRS/Environmental Scientist:	Scott Ackerman	Office: 435-781-4437	
NRS/Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
NRS/Environmental Scientist:	Jannice Cutler	Office: 435-781-3400	
NRS/Environmental Scientist:	Michael Cutler	Office: 435-781-3401	
NRS/Environmental Scientist:	Anna Figueroa	Office: 435-781-3407	
NRS/Environmental Scientist:	Melissa Hawk	Office: 435-781-4476	
NRS/Environmental Scientist:	Chuck Macdonald	Office: 435-781-4441	
NRS/Environmental Scientist:	Nathan Packer	Office: 435-781-3405	
NRS/Environmental Scientist:	Verlyn Pindell	Office: 435-781-3402	
NRS/Environmental Scientist:	Holly Villa	Office: 435-781-4404	
NRS/Environmental Scientist:	Darren Williams	Office: 435-781-4447	
NRS/Environmental Scientist:	Karl Wright	Office: 435-781-4484	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

STIPULATIONS:

1. Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
2. There is a documented Golden Eagle nest located within 0.5 miles of the proposed location, not in line-of-site of the project area. With this occurrence there will be a timing restriction to protect the Golden Eagle nesting period from February 1- July 15.
3. Prairie dog burrows are also located within a hundred yards east of the proposed site. With this occurrence of the prairie dog burrows (burrowing owl habitat) there will also be a timing restriction from April 1- August 15.

CONDITIONS OF APPROVAL:

1. All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
2. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
4. The access road will be crowned and ditched. Flat-bladed roads are not allowed.
5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
6. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
7. Pipelines will be buried at all major drainage crossings.
8. Prevent fill and stock piles from entering drainages.
9. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
10. The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
11. When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.

12. If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
13. If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
14. The interim seed mix for this location shall be:

Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	4 lbs/acre
Needle and Threadgrass (<i>Stipa comata</i>):	4 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>):	1 lb/acre
Winter Fat (<i>Ceratoides lanata</i>)	3 lbs/acre

All pounds are in pure live seed.
Rates are set for drill seeding; double the rate if broadcasting.
Reseeding may be required if initial seeding is not successful.
15. The operator will be responsible for treatment and control of invasive and noxious weeds.
16. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
17. Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
18. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
19. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
20. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
21. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
22. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy

of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.

h. Communitization agreement number, if applicable.

15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2098 FNL 1961 FEL SW/NE Section 20, T9S R16E

5. Lease Designation and Serial No.

UTU-52018

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 7-20-9-16

9. API Well No.

43-013-33106

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/27/06 (expiration 3/27/07).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-12-07
By: [Signature]

3-12-07
RM

RECEIVED
MAR 09 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33106
Well Name: Federal 7-20-9-16
Location: SW/NE Section 20, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ *A*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

M. Land Cuzco

Signature

3/5/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

MAR 09 2007

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Federal 7-20-9-16

API No: 43-013-33106 Lease Type: Federal

Section 20 Township 09S Range 16E County Duchesne

Drilling Contractor NDSI Rig # NS#1

SPUDDED:

Date 6-6-07

Time 11:30 AM

How Dry

Drilling will Commence: _____

Reported by Don Bastian

Telephone # 435-823-6012

Date 6-11-07 Signed RM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3838
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16171	4301333024	FEDERAL 3-22-9-16	NENW	22	9S	16E	DUCHESNE	5/31/2007	6/14/07
WELL 1 COMMENTS: <i>GRPV</i>											
A	99999	16172	4301332913	ASHLEY FEDERAL 16-26-9-15	SESE	26	9S	15E	DUCHESNE	6/1/2007	6/14/07
<i>GRPV</i>											
B	99999	12187	4301333263	HE FEDERAL L-26-8-16 <i>HAWKEYE</i>	NWSE	26	8S	16E	DUCHESNE	6/4/2007	6/14/07
<i>GRPV</i> <i>BHL = NESW</i>											
A	99999	16173	4301333107	FEDERAL 8-20-9-16	SENE	20	9S	16E	DUCHESNE	6/5/2007	6/14/07
<i>GRPV</i>											
A	99999	16174	4301333106	FEDERAL 7-20-9-16	SWNE	20	9S	16E	DUCHESNE	6/6/2007	6/14/07
WELL 5 COMMENTS: <i>GRPV</i>											
WELL 5 COMMENTS: <i>GRPV</i>											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

JUN 06 2007

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Production Clerk
June 6 2007
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2098 FNL 1961 FEL

SWNE Section 20 T9S R16E

5. Lease Serial No.

USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 7-20-9-16

9. API Well No.

4301333106

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/6/07 MIRU NDSI NS # 1. Spud well @ 11:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 318.75' KB On 6/7/07 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

RECEIVED

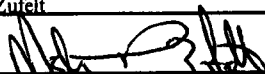
JUN 11 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Troy Zufelt

Signature



Title

Drilling Supervisor

Date

06/08/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 318.75

LAST CASING 8 5/8" set @ 318.75
 DATUM 12" KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 7-20-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 41.33'							
		WHI - 92 csg head				8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	306.9	
		GUIDE shoe				8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				308.75	
TOTAL LENGTH OF STRING		308.75	7	LESS CUT OFF PIECE				2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				318.75	
TOTAL		306.9	7	} COMPARE					
TOTAL CSG. DEL. (W/O THRDS)		306.9	7						
TIMING		1ST STAGE							
BEGIN RUN CSG.		Spud	6/6/2007	11:30 AM	GOOD CIRC THRU JOB				YES
CSG. IN HOLE			6/6/2007	4:30 PM	Bbls CMT CIRC TO SURFACE				3
BEGIN CIRC			6/7/2007	11:40 AM	RECIPROCATED PIPE FOR				N/A
BEGIN PUMP CMT			6/7/2007	11:56 AM					
BEGIN DSPL. CMT			6/7/2007	12:06 PM	BUMPED PLUG TO				650 PSI
PLUG DOWN			6/7/2007	12:14 PM					
CEMENT USED		CEMENT COMPANY- B. J.							
STAGE	# SX	CEMENT TYPE & ADDITIVES							
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield							
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3									

COMPANY REPRESENTATIVE Troy Zufelt DATE 6/7/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMITTER INFORMATION - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2098 FNL 1961 FEL
SWNE Section 20 T9S R16E

5. Lease Serial No.
USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 7-20-9-16

9. API Well No.
4301333106

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____


13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/17/2007 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,950'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 134 jt's of 5.5 J-55, 15.5# csgn. Set @ 5931.86' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.49 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. With 30 bbls returned to pit. Nipple down Bop's. Drop slips @ 102,000 #'s tension. Release rig 12:00 pm on 6/22/2007.

RECEIVED

JUN 25 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Troy Zufelt	Title Drilling Supervisor
Signature 	Date 06/23/2007

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

<p style="text-align: center;"><u>5 1/2"</u> CASING SET AT <u>5931.86</u></p> <p>LAST CASING 8 5/8" Set @ <u>318.75</u></p> <p>DATUM <u>12' KB</u></p> <p>DATUM TO CUT OFF CASING <u>12'</u></p> <p>DATUM TO BRADENHEAD FLANGE _____</p> <p>TD DRILLER <u>5950'</u> TD loggers _____</p> <p>HOLE SIZE <u>7 7/8"</u></p>	<p>Flt cllr @ <u>5887.87</u></p> <p>OPERATOR <u>Newfield Production Company</u></p> <p>WELL <u>Federal 7-20-9-16</u></p> <p>FIELD/PROSPECT <u>Monument Butte</u></p> <p>CONTRACTOR & RIG # <u>Patterson-UTI Rig # 155</u></p>
---	---

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 7.90' @ 3936.54'					
133	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5873.87
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.74
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING LESS CUT OFF PIECE PLUS DATUM TO T/CUT OFF CSG CASING SET DEPTH		5933.86
TOTAL LENGTH OF STRING			5933.86	134			14
LESS NON CSG. ITEMS			15.25				12
PLUS FULL JTS. LEFT OUT			198.04	5			5931.86
TOTAL			6116.65	139	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			6116.65	139			
TIMING			1ST STAGE	2nd STAGE			
BEGIN RUN CSG.			11:30 AM	6/22/2007	GOOD CIRC THRU JOB <u>yes</u>		
CSG. IN HOLE			3:30 PM	6/22/2007	Bbls CMT CIRC to surface <u>30</u>		
BEGIN CIRC			3:40 PM	6/22/2007	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>		
BEGIN PUMP CMT			5:03 PM	6/22/2007	DID BACK PRES. VALVE HOLD ? <u>yes</u>		
BEGIN DSPL. CMT			6:08 PM	6/22/2007	BUMPED PLUG TO <u>2199</u> PSI		
PLUG DOWN			6:33 PM	6/22/2007			
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Troy Zufelt DATE 6/22/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 16 2007

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPlicate with other information on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2098 FNL 1961 FEL
SWNE Section 20 T9S R16E

5. Lease Serial No.
USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 7-20-9-16

9. API Well No.
4301333106

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

07/13/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2098' FNL & 1961' FEL (SW/NE) Sec. 20, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33106

DATE ISSUED

03/27/07

5. LEASE DESIGNATION AND SERIAL NO.

UTU-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 7-20-9-16

9. WELL NO.

43-013-33106

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 20, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

06/06/07

16. DATE T.D. REACHED

06/22/07

17. DATE COMPL. (Ready to prod.)

07/12/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6078' GL

19. ELEV. CASINGHEAD

6090' KB

20. TOTAL DEPTH, MD & TVD

5950'

21. PLUG BACK T.D., MD & TVD

5879'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4655'-5290'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	319'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5932'	7-7/8"	300 sx Premilite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5351'	TA @ 5251'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5279'-5290'	.49"	4/44	5279'-5290'	Frac w/ 29,554# 20/40 sand in 370 bbls fluid
(LODC) 5030'-5038'	.49"	4/32	5030'-5038'	Frac w/ 24,274# 20/40 sand in 368 bbls fluid
(A3) 4946'-4957'	.49"	4/44	4946'-4957'	Frac w/ 40,017# 20/40 sand in 427 bbls fluid
(D3) 4655'-4668'	.49"	4/52	4655'-4668'	Frac w/ 48,763# 20/40 sand in 450 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 07/12/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 16' RHAC SM Plunger Pump				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 26	GAS--MCF. 15	WATER--BBL. 74	GAS-OIL RATIO 577
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

AUG 07 2007

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentry Park

TITLE

Production Clerk

DATE

8/3/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
			Well Name Federal 7-20-9-16		MEAS. DEPTH	TRUE VERT. DEPTH
				Garden Gulch Mkr	3567'	
				Garden Gulch 1	3785'	
				Garden Gulch 2	3891'	
				Point 3 Mkr	4137'	
				X Mkr	4396'	
				Y-Mkr	4428'	
				Douglas Creek Mkr	4536'	
				BiCarbonate Mkr	4759'	
				B Limestone Mkr	4847'	
				Castle Peak	5443'	
				Basal Carbonate	5886'	
				Total Depth (LOGGERS)	5935'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 7-20-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2098 FNL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 20 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331060000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/11/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 05/09/2012. On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/2012 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 6/7/2012		Accepted by the Utah Division of Oil, Gas and Mining Date: June 07, 2012 By:

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 5/11/12 Time 10:00 am pm

Test Conducted by: Trent Hamrick

Others Present: _____

Well: Federal 7-20-9-16

Field: Mudment Butte

Well Location: Fed. 7-20-9-16

API No: 43.013-33106

SW/NE Sec. 20 T9S R16E

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1850</u>	psig
5	<u>1850</u>	psig
10	<u>1850</u>	psig
15	<u>1850</u>	psig
20	<u>1850</u>	psig
25	<u>1850</u>	psig
30 min	<u>1850</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 50 psig

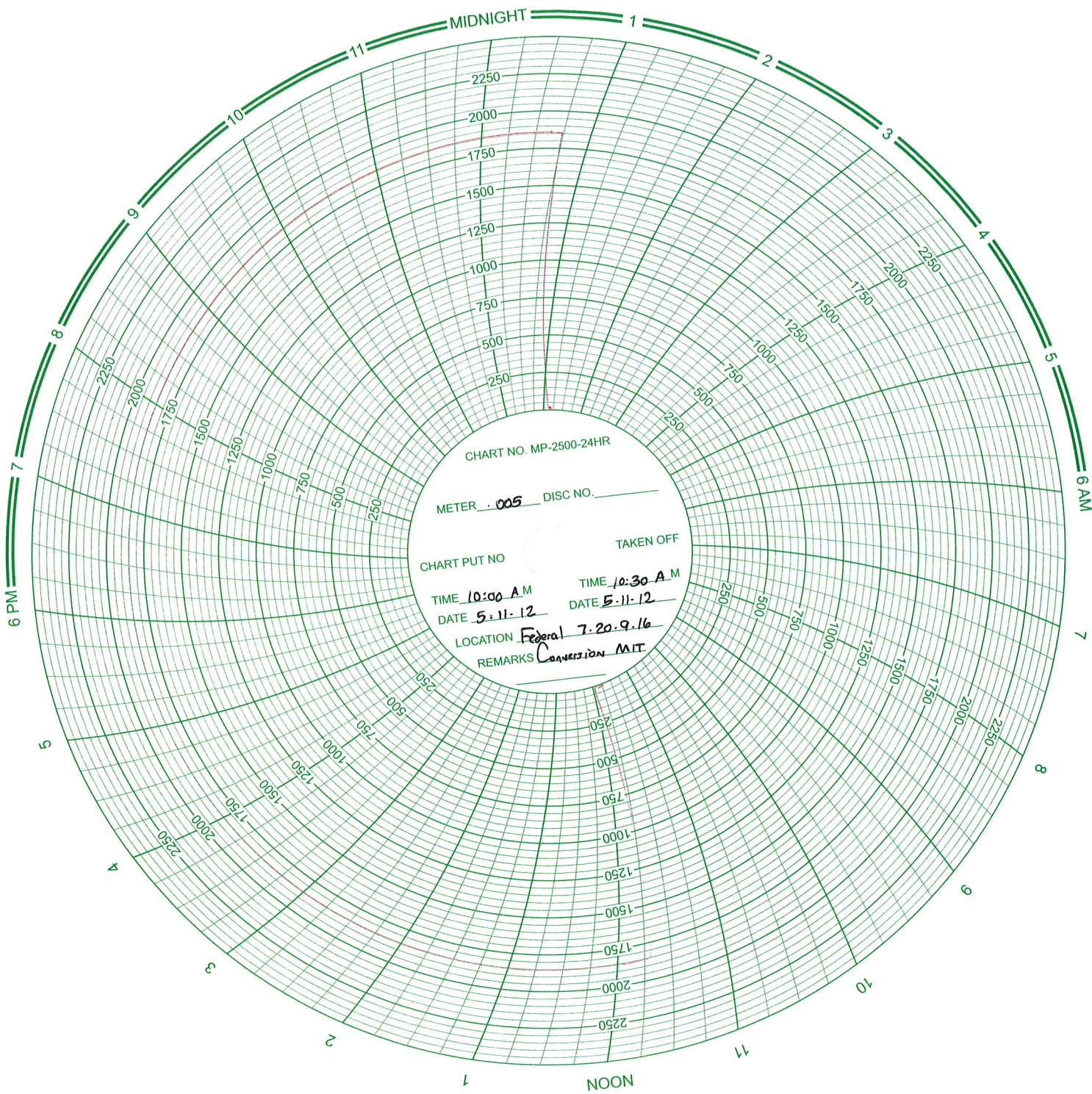
Result: Pass Fail

Signature of Witness:

Chris Jensen

Signature of Person Conducting Test:

Trent Hamrick



Daily Activity Report

Format For Sundry

FEDERAL 7-20-9-16

3/1/2012 To 7/30/2012

3/12/2012 Day: 1

Pump Change

NC #2 on 3/12/2012 - MIRUSU, POOH W/- Rods, Tag Fill, TIH W/- New Pmp - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBTD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBTD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBTD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBTD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$6,741

5/17/2012 Day: 2

Conversion

NC #1 on 5/17/2012 - Dorp SV, P/Test Tbg To 3000 Psi, Good Tst, Fish SV, N/D BOP, N/U W/HD, pmp Pkr Fluid, N/D W/HD, Set Pkr, N/U W/HDP/Tst Csg & Pkr To 1500 Psi, Good Tst. R/D Rig, Well Ready For MIT (Final Report) - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73

BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil.P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil.P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil.P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil.P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil.P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil.P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW,

P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOO H Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOO H Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOO H Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOO H Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$17,215

6/6/2012 Day: 3

Conversion

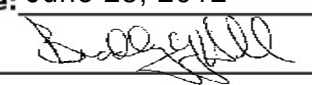
Rigless on 6/6/2012 - Conduct initial MIT - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Finalized

Daily Cost: \$0

Cumulative Cost: \$101,035

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 7-20-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2098 FNL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 20 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331060000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/20/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 1:30 PM on 06/20/2012. </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining Date: June 28, 2012 By:  </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 6/20/2012



RECEIVED
FEB 17 2012
DIV. OF OIL, GAS & MINING

February 9, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #7-20-9-16
Monument Butte Field, Lease #UTU-52018
Section 20-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #7-20-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #7-20-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-52018
FEBRUARY 9, 2012

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #7-20-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #1-20-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #3-20-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #5-20-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #11-20-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #8-20-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #9-20-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #10-20-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – FEDERAL #15-20-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #16-20-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – FEDERAL #5-21-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – MONUMENT FEDERAL #22-20-9-16
ATTACHMENT E-12	WELLBORE DIAGRAM – NGC FEDERAL #31-20G-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 7/4/07 – 7/13/07
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Federal 7-20-9-16

Spud Date: 6-6-07
Put on Production: 8-12-05

GL: 6078' KB: 6090'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (306.9')
DEPTH LANDED: 318.75' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

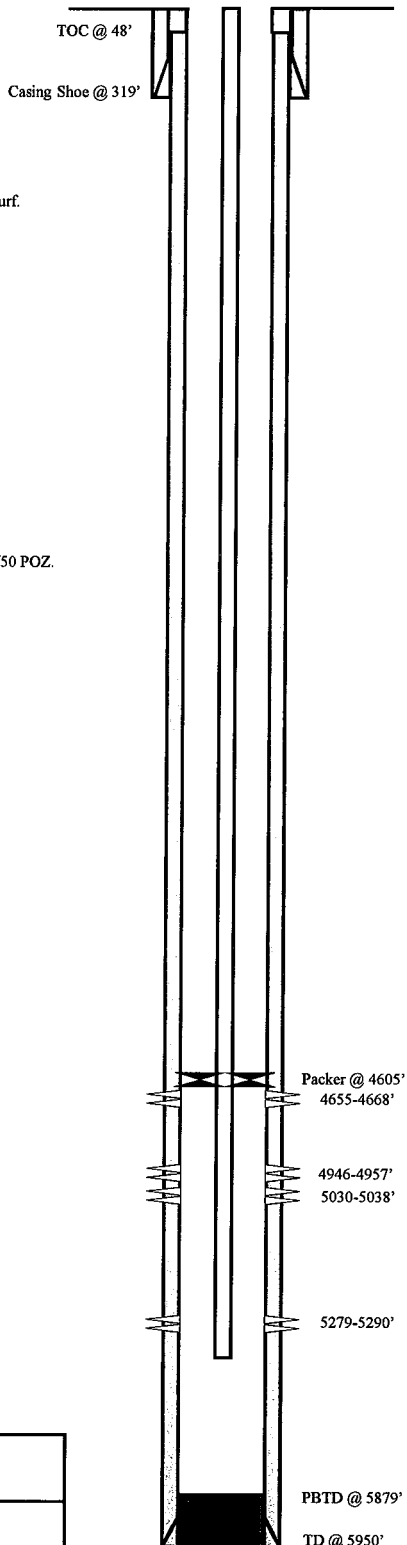
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 1343 jts. (5918.61')
DEPTH LANDED: 5931.86' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5239.4')
TUBING ANCHOR: 5239.4' KB
NO. OF JOINTS: 1 jts (31.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5273.8' KB
NO. OF JOINTS: 2 jts (63.2')
TOTAL STRING LENGTH: EOT @ 5339'

Propose Injection Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

7-9-07	5279-5290'	Frac LODC, sands as follows: 29,554# 20/40 sand in 370 bbls Lightning 17 frac fluid. Treated @ avg press of 1987 psi w/avg rate of 24.7 BPM. ISIP 2284 psi. Calc flush: 5277 gal. Actual flush: 4746 gal.
7-9-07	5030-5038'	Frac LODC sands as follows: 24,274# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2044 psi w/avg rate of 24.7 BPM. ISIP 2143 psi. Calc flush: 5028 gal. Actual flush: 4557 gal.
7-9-07	4946-4957'	Frac A3 sands as follows: 40,017# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 1862 psi w/avg rate of 24.7 BPM. ISIP 2238 psi. Calc flush: 4944 gal. Actual flush: 4389 gal.
7-9-07	4655-4668'	Frac D3 sands as follows: 48,763# 20/40 sand in 450 bbls Lightning 17 frac fluid. 24.8 BPM. Calc flush: 4653 gal. Actual flush: 4578 gal.
6/9/09		Stuck Pump. Updated rod & tubing details.
5/26/11		Pump Change. Updated rod and tubing detail.

PERFORATION RECORD

7-3-07	5279-5290'	4 JSPF	44 holes
7-9-07	5030-5038'	4 JSPF	32 holes
7-9-07	4946-4957'	4 JSPF	44 holes
7-9-07	4655-4668'	4 JSPF	52 holes

NEWFIELD

Federal 7-20-9-16

2098' FNL & 1961' FEL

SW/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33106; Lease #UTU-52018

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #7-20-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #7-20-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3890' - 5879'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3567' and the TD is at 5950'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #7-20-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-52018) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 319' KB, and 5-1/2", 15.5# casing run from surface to 5932' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1918 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #7-20-9-16, for existing perforations (4655' - 5290') calculates at 0.85 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1918 psig. We may add additional perforations between 3567' and 5950'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #7-20-9-16, the proposed injection zone (3890' - 5879') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-12.

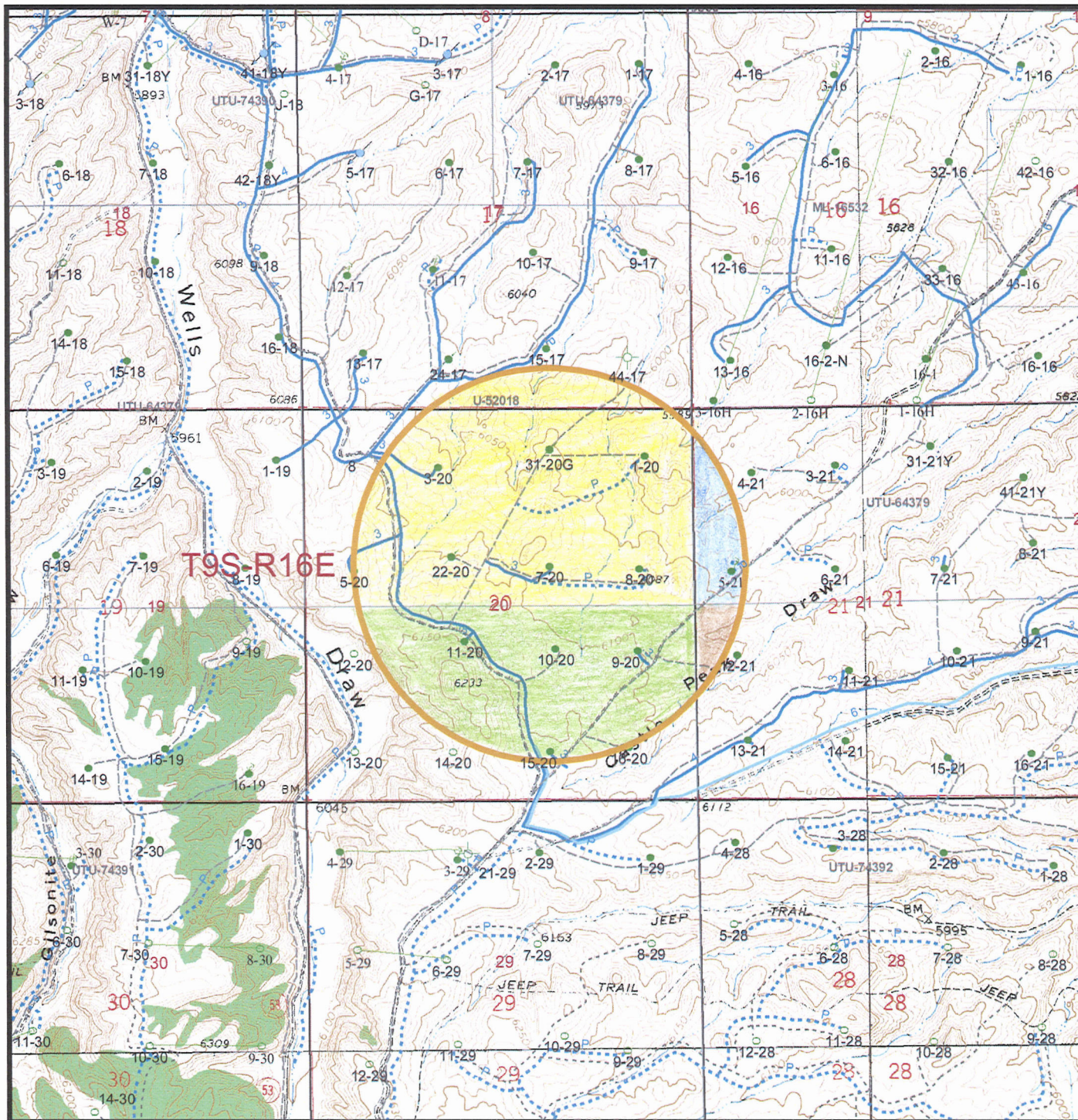
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- WellStatus_HalfMile_Buffer**
- Well Status**
- Location
 - + CTI
 - * Surface Spud
 - * Drilling
 - * Waiting on Completion
 - Producing Oil Well
 - * Producing Gas Well
 - + Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - + Plugged & Abandoned
 - + Shut In
- Countyline**
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
 - Leases
 - Mining tracts

UTU-52018

UTU-64379

UTU-74392

UTU-74391

Federal 7-20
Section 20, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS



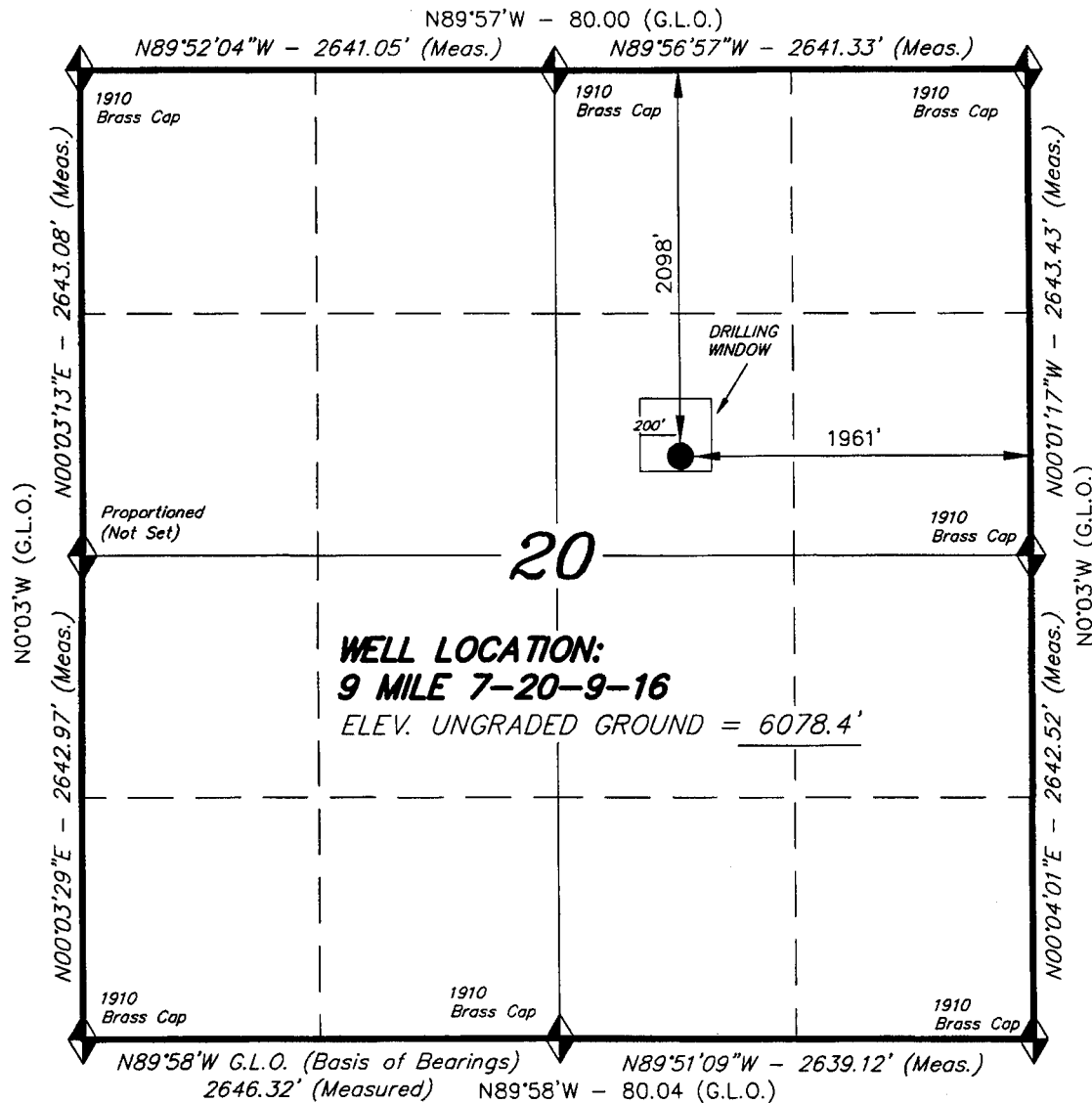
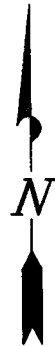
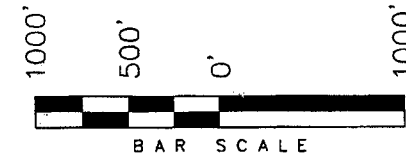
1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

Dec. 13, 2011

T9S, R16E, S.L.B.&M.**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, 9 MILE 7-20-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 20, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 03-09-06	SURVEYED BY: C.M.
DATE DRAWN: 03-14-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 7-20-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 04.30"
LONGITUDE = 110° 08' 26.77"

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3,4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #7-20-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Newfield Production Company
Eric Sundberg
Regulatory Lead

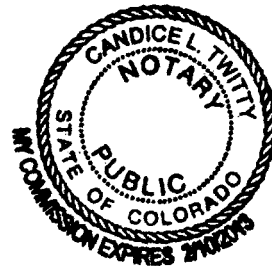
Sworn to and subscribed before me this 9th day of February, 2012.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires
02/10/2013

My Commission Expires: _____



Federal 7-20-9-16

Spud Date: 6-6-07
Put on Production: 8-12-05
GL: 6078' KB: 6090'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (306.9')
DEPTH LANDED: 318.75' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

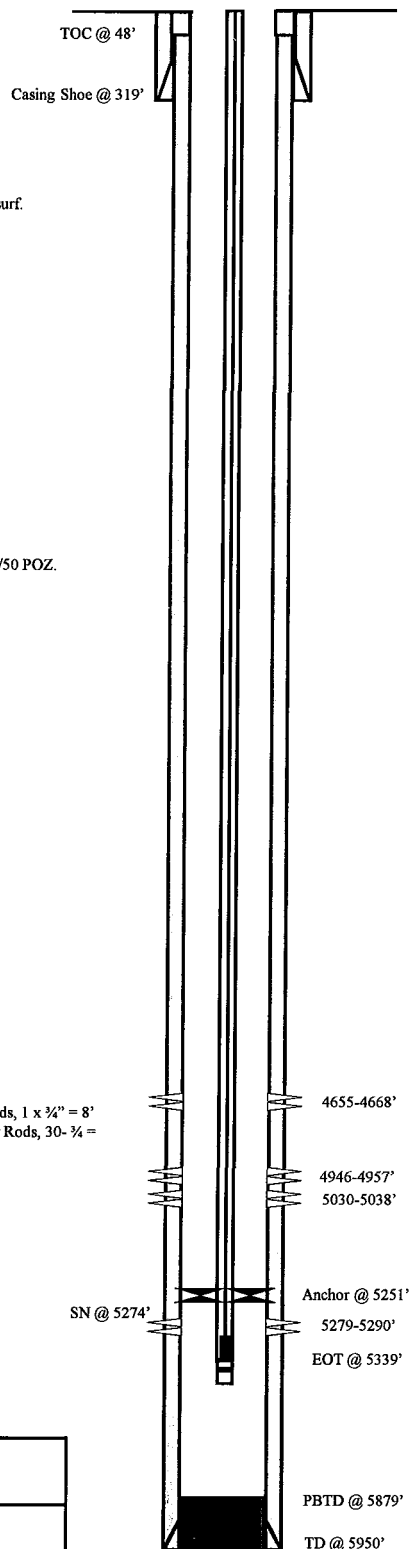
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 1343 jts. (5918.61')
DEPTH LANDED: 5931.86' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5239.4')
TUBING ANCHOR: 5239.4' KB
NO. OF JOINTS: 1 jts (31.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5273.8' KB
NO. OF JOINTS: 2 jts (63.2')
TOTAL STRING LENGTH: EOT @ 5339'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1 x 3/4" = 2' pony rod, 1 x 3/4" = 6' pony rods, 1 x 3/4" = 8' pony rod, 90-3/4" = 2250' Guided Rods, 84- 3/4" = 2100' Sucker Rods, 30- 3/4" = 750' Guided Rods, 6- 1 1/2" = 150' Sinker Bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 16' RHAC
STROKE LENGTH: 84"
PUMP SPEED, 5 SPM

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

7-9-07	5279-5290'	Frac LODC, sands as follows: 29,554# 20/40 sand in 370 bbls Lightning 17 frac fluid. Treated @ avg press of 1987 psi w/avg rate of 24.7 BPM. ISIP 2284 psi. Calc flush: 5277 gal. Actual flush: 4746 gal.
7-9-07	5030-5038'	Frac LODC sands as follows: 24,274# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2044 psi w/avg rate of 24.7 BPM. ISIP 2143 psi. Calc flush: 5028 gal. Actual flush: 4557 gal.
7-9-07	4946-4957'	Frac A3 sands as follows: 40,017# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 1862 psi w/avg rate of 24.7 BPM. ISIP 2238 psi. Calc flush: 4944 gal. Actual flush: 4389 gal.
7-9-07	4655-4668'	Frac D3 sands as follows: 48,763# 20/40 sand in 450 bbls Lightning 17 frac fluid. 24.8 BPM. Calc flush: 4653 gal. Actual flush: 4578 gal.
6/9/09		Stuck Pump. Updated rod & tubing details.
5/26/11		Pump Change. Updated rod and tubing detail.

PERFORATION RECORD

7-3-07	5279-5290'	4 JSPF	44 holes
7-9-07	5030-5038'	4 JSPF	32 holes
7-9-07	4946-4957'	4 JSPF	44 holes
7-9-07	4655-4668'	4 JSPF	52 holes

NEWFIELD**Federal 7-20-9-16**

2098' FNL & 1961' FEL

SW/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33106; Lease #UTU-52018

FEDERAL 1-20-9-16

Spud Date: 05/16/07
 Put on Production: 07/25/07
 GL: 6038' KB: 6050'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6015.83')
 DEPTH LANDED: 6029.08' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5506.29')
 TUBING ANCHOR: 5518.29' KB
 NO. OF JOINTS: 1 jts (30.52')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5551.61' KB
 NO. OF JOINTS: 2 jts (61.81')
 TOTAL STRING LENGTH: EOT @ 5614.97' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2', 4', 6' & 8' x 3/4" pony rods, 100-3/4" guided rods, 95-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" x 25' weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' x 20' RHAC
 STROKE LENGTH: 120"
 PUMP SPEED: 5 SPM:

FRAC JOB

07/19/07 5526-5544' **Frac CPI sands as follows:**
 40327# 20/40 sand in 416 bbls Lightning 17
 frac fluid. Treated @ avg press of 2186 psi
 w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc
 flush: 5524 gal. Actual flush: 5002 gal.

07/19/07 5124-5138' **Frac LODC sands as follows:**
 60273# 20/40 sand in 510 bbls Lightning 17
 frac fluid. Treated @ avg press of 2674 psi
 w/avg rate of 24.8 BPM. ISIP 2760 psi. Calc
 flush: 5122 gal. Actual flush: 4582 gal.

07/19/07 4780-4795' **Frac C. sands as follows:**
 60060# 20/40 sand in 510 bbls Lightning 17
 frac fluid. Treated @ avg press of 1833 psi
 w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc
 flush: 4778 gal. Actual flush: 4288 gal.

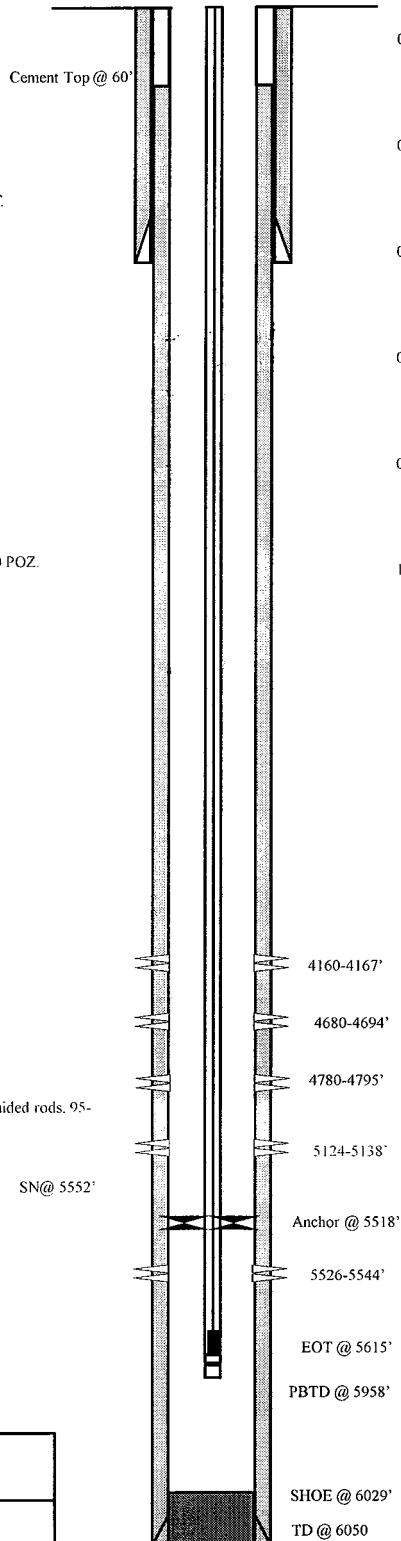
07/19/07 4680-4694' **Frac D2 sands as follows:**
 79938# 20/40 sand in 623 bbls Lightning 17
 frac fluid. Treated @ avg press of 1860 psi
 w/avg rate of 24.8 BPM. ISIP 1960 psi. Calc
 flush: 4678 gal. Actual flush: 4120 gal

07/20/07 4160-4167' **Frac GB6 sands as follows:**
 25213# 20/40 sand in 335 bbls Lightning 17
 frac fluid. Treated @ avg press of 2145 psi
 w/avg rate of 24.3 BPM. ISIP 2025 psi. Calc
 flush: 5503 gal. Actual flush: 4914 gal

1/26/09
 Pump Change. Updated r & t details.

PERFORATION RECORD

07/10/07	5526-5544'	4 JSPF	72 holes
07/19/07	5124-5138'	4 JSPF	56holes
07/19/07	4780-4795'	4 JSPF	60 holes
07/19/07	4680-4694'	4 JSPF	56 holes
07/19/07	4160-4167'	4 JSPF	28 holes



NEWFIELD

FEDERAL 1-20-9-16

617'FNL & 652' FEL

NE/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33066; Lease # UTU-52018

Federal 3-20-9-16

Spud Date: 5-23-07
 Put on Production: 8-10-07
 GL: 6063' KB: 6075'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.72')
 DEPTH LANDED: 316.57' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 156 jts. (5962.76')
 DEPTH LANDED: 5976.01' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 408'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 174 jts (5472')
 TUBING ANCHOR: 5484' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5518.2' KB
 NO. OF JOINTS: 2 jts (62.70')
 TOTAL STRING LENGTH: EOT @ 5582' KB

SUCKER RODS

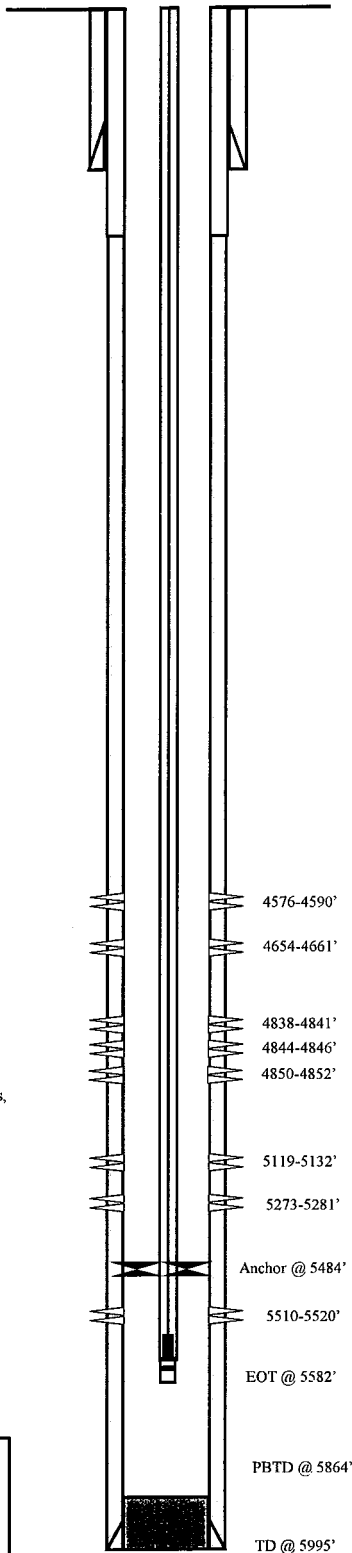
POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-4', 1-6', 1-8' X 3/4" pony rods, 99- 3/4" guided rods,
 94- 3/4" sucker rods, 21- 3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-3/4" x 17' x 20' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-07-07	5510-5520'	Frac CPI sands as follows: 28247# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2334 psi w/avg rate of 24.8 BPM. ISIP 2280 psi. Calc flush: 5508 gal. Actual flush: 5040 gal.
08-07-07	5273-5281'	Frac LODC sands as follows: 14530# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2660 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5271 gal. Actual flush: 4788 gal.
08-07-07	5119-5132'	Frac LODC sands as follows: 45312# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 26.2 BPM. ISIP 1900 psi. Calc flush: 5117 gal. Actual flush: 4578 gal.
08-07-07	4654-4661'	Frac D2 sand as follows: 25097# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 w/ avg rate of 24.8 BPM. ISIP 1760 psi. Calc flush: 4652 gal. Actual flush: 4200 gal.
08-07-07	4576-4590'	Frac D1 sand as follows: 77698# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1939 w/ avg rate of 24.8 BPM. ISIP 2122 psi. Calc flush: 4574 gal. Actual flush: 4536 gal.
08/16/07		Pump Change. Rod & Tubing detail updated.
12/30/08		Pump Change. Updated r & t details.
8/20/09		Pump Maintenance. Updated rod & tubing detail.
11-09-10	4838-4852'	Frac B2 sands as follows: 48449# 20/40 sand in 430 bbls Lightning 17 fluid.
11-11-10		Re-Completion – updated details

PERFORATION RECORD

08-01-07	5510-5520'	4 JSPF	40 holes
08-07-07	5273-5281'	4 JSPF	32 holes
08-07-07	5119-5132'	4 JSPF	52 holes
08-07-07	4654-4661'	4 JSPF	28 holes
08-07-07	4576-4590'	4 JSPF	56 holes
11-09-10	4850-4852'	3 JSPF	6 holes
11-09-10	4844-4846'	3 JSPF	6 holes
11-09-10	4838-4841'	3 JSPF	9 holes

**NEWFIELD****Federal 3-20-9-16**

785' FNL & 1826' FWL

NE/NW Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33067; Lease # UTU-52018

FEDERAL 5-20-9-16

Spud Date: 06/12/07
Put on Production: 08/09/07

GL: 6032' KB: 6044'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.03')
DEPTH LANDED: 323.88' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5926.74')
DEPTH LANDED: 5939.99' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 349 sxs Prem. Lite II mixed & 426 sxs 50/50 POZ.

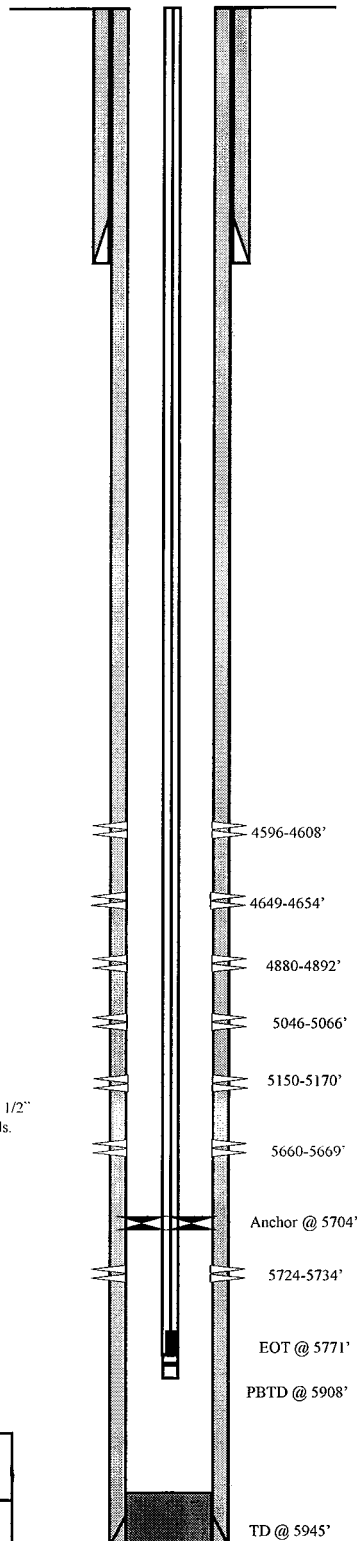
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5692')
TUBING ANCHOR: 5704' KB
NO. OF JOINTS: 1 jts (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5738' KB
NO. OF JOINTS: 1 jts (31.51')
TOTAL STRING LENGTH: EOT @ 5771' W/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26" SM polished rods
SUCKER RODS: 1-4", 8" x 3/4" pony rods, 167-3/4" guided rod, 54-1 1/2" sucker rods, 6-1 1/2" sinker bars, 5-1" x 3" Pony Rod, 1-1" Stabilizer rods.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14" X 16" RHAC
STROKE LENGTH: 64"
PUMP SPEED, 4 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07/31/07 5660-5734' **Frac CP4 & CP3 sands as follows:**
49687# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2062 psi w/avg rate of 24.8 BPM. ISIP 2275 psi. Calc flush: 5658 gal. Actual flush: 5371 gal.

08/06/07 5150-5170' **Frac LODC sands as follows:**
59976# 20/40 sand in 541 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.8 BPM. ISIP 2110 psi. Calc flush: 5148 gal. Actual flush: 4641 gal.

08/06/07 5046-5066' **Frac A3 sands as follows:**
70150# 20/40 sand in 582 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5044 gal. Actual flush: 4536 gal.

08/06/07 4880-4892' **Frac B2 sands as follows:**
29054# 20/40 sand in 470 bbls Lightning 17 frac fluid. Treated @ avg press of 2463 psi w/avg rate of 24.8 BPM. ISIP 2290 psi. Calc flush: 4878 gal. Actual flush: 4536 gal.

08/06/07 4596-4654' **Frac D1 & D2 sands as follows:**
27540# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 1664 psi w/avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4594 gal. Actual flush: 4507 gal.

06-16-08 Workover. Rod & Tubing detail updated.

3/11/09 Stuck Pump. Updated r & i details.

11/21/09 Tubing Leak. Tubing & Rod updated.


6/8/2010 Tubing Leak. Update rod and tubing details

2/14/2011 Tubing Leak. Update rod and tubing details

07/15/11 Tubing Leak. Rods & tubing updated.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
07/31/07	5724-5734'	4 JSPF	40 holes
08/06/07	5660-5669'	4 JSPF	36 holes
08/06/07	5150-5170'	4 JSPF	80 holes
08/06/07	5046-5066'	4 JSPF	80 holes
08/06/07	4880-4892'	4 JSPF	48 holes
08/06/07	4649-4654'	4 JSPF	20 holes
08/06/07	4596-4608'	4 JSPF	48 holes


FEDERAL 5-20-9-16 2178' FNL & 673' FWL SW/NW Section 20-T9S-R16E Duchesne Co, Utah API #43-013-33104; Lease # UTU-52018

Federal 11-20-9-16

Spud Date: 11/29/05
Put on Production: 11/17/06
K.B.: 6154, G.L.: 6142

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (262.90')
DEPTH LANDED: 323.15' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (6010.04')
DEPTH LANDED: 6023.29' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5221.9')
TUBING ANCHOR: 5233.9' KB
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5268.1' KB
NO. OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5333' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 2-4" x 3/4" pony rods; 98- 3/4" guided rods; 68- 3/4" sucker rods;
37- 3/4" guided rods; 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5

FRAC JOB

11/13/06 5256-5269' **Frac LODC sands as follows:**
78169# 20/40 sand in 622 bbls Lightning 17
frac fluid. Treated @ avg press of 2527 psi
w/avg rate of 25.4 BPM. ISIP 2720 psi. Calc
flush: 5267 gal. Actual flush: 4746 gal.

11/13/06 5135-5148' **Frac LODC sands as follows:**
101332# 20/40 sand in 784 bbls Lightning 17
frac fluid. Treated @ avg press of 1660 psi
w/avg rate of 24.2 BPM. ISIP 1800 psi. Calc
flush: 5146 gal. Actual flush: 4620 gal.

11/13/06 4612-4629' **Frac C, D3 sands as follows:**
184392# 20/40 sand in 1225 bbls Lightning 17
frac fluid. Treated @ avg press of 1436 psi
w/avg rate of 24.3BPM. 1640 psi. Calc
flush: 4627 gal. Actual flush: 4494 gal.
Pump Change. Update rod and tubing details.

11/27/06
Major Workover

05/14/08 4612-4629' **Acidize D2 sands:**
Pump 16.6 bbls techni-hib 767, W/ 10.1 bbls
acid., ISIP @ 950 psi.

05/14/08 4650-4668' **Acidize D3 sands:**
Pump 16 bbls techni-hib 767, W/ 10.7 bbls
acid., ISIP @ 675 psi.

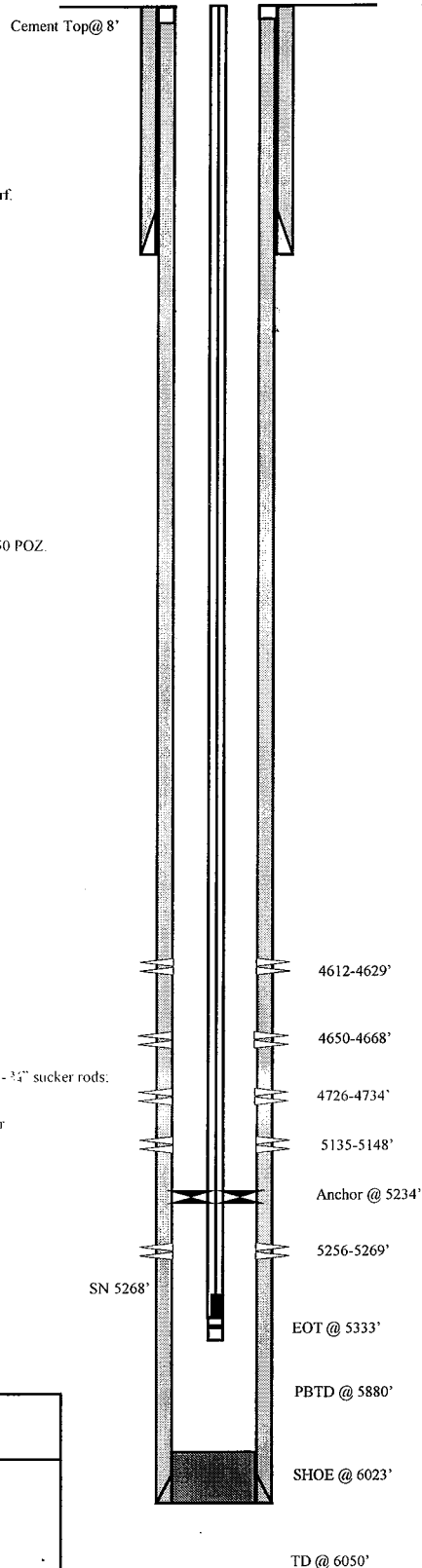
1/9/09
Tubing Leak. Updated rod & tubing details.

2/2/2010
Tubing leak. Updated rod and tubing details.

11/20/2010
Tubing leak. Updated rod and tubing detail.

PERFORATION RECORD

11/06/06	5256-5269'	4 JSPP	52 holes
11/13/06	5135-5148'	4 JSPP	52 holes
11/13/06	4726-4734'	4 JSPP	32 holes
11/13/06	4650-4668'	4 JSPP	72 holes
11/13/06	4612-4629'	4 JSPP	68 holes



NEWFIELD

Federal 11-20-9-16

2143' FSL & 2155' FWL

NE/SW Section 20-T9S-R15E

Duchesne Co, Utah

API #43-013-32598; Lease #UTU-74391

FEDERAL 8-20-9-16

Spud Date: 06/05/07
Put on Production: 07/09/07
GL: 6055' KB: 6067'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303.80')
DEPTH LANDED: 313.8' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5936.00')
DEPTH LANDED: 5934.00' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 210'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5422.3')
TUBING ANCHOR: 5434.3' KB
NO. OF JOINTS: 1 jt (31.7')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5468.7' KB
NO. OF JOINTS: 2 jts (62.7')
TOTAL STRING LENGTH: EOT @ 5533' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 100- 3/4" guided rods, 58- 3/4" sucker rods, 54- 3/4" guided rods,
6- 1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH:
PUMP SPEED, SPM:

FRAC JOB

07/02/07	5484-5492'	Frac CP1 sands as follows: 15470# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2490 psi w/avg rate of 24.6 BPM. ISIP 2369 psi. Calc flush: 5482 gal. Actual flush: 4981 gal.
07/02/07	5270-5280'	Frac LODC sands as follows: 29548# 20/40 sand in 365 bbls Lightning 17 frac fluid. Treated @ avg press of 2397 psi w/avg rate of 24.4 BPM. ISIP 2486 psi. Calc flush: 5268 gal. Actual flush: 4796 gal.
07/02/07	5129-5176'	Frac LODC sands as follows: 4712# 20/40 sand in 389 bbls Lightning 17 frac fluid. Blender Broke. Need to Refrac. ISIP 2340 psi. Calc. flush: 5127 gal. Actual flush: 5292 gal.
07/03/07	5129-5176'	Frac LODC sands as follows: 95147# 20/40 sand in 706 bbls Lightning 17 frac fluid. Treated @ avg press of 2554 psi w/avg rate of 24 BPM. ISIP 2775 psi. Calc flush: 5127 gal. Actual flush: 4662 gal.
07/03/07	5055-5074'	Frac LODC sands as follows: 71220# 20/40 sand in 719 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 psi w/avg rate of 24.3 BPM. ISIP 2680 psi. Calc flush: 5053 gal. Actual flush: 5095 gal.
07/03/07	4963-4971'	Frac A1 sands as follows: 40277# 20/40 sand in 492 bbls Lightning 17 frac fluid. Treated @ avg press of 2725 psi w/avg rate of 24.5 BPM. ISIP 2290 psi. Calc flush: 4961 gal. Actual flush: 4452 gal
07/05/07	4656-4709'	Frac D3&C sands as follows: 29723# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 1630 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4654 gal. Actual flush: 4200 gal
07/05/07	4570-4576'	Frac D1 sands as follows: 42080# 20/40 sand in 356 bbls Lightning 17 frac fluid. Treated @ avg press of 1829 psi w/avg rate of 24.4 BPM. ISIP 1875 psi. Calc flush: 4568 gal. Actual flush: 4494 gal.
2/10/09	5129-5138'	Pump Change. Updated r & t details.
5/26/2010	5164-5176'	Tubing leak. Updated rod and tubing detail.
	5270-5280'	

PERFORATION RECORD

06/28/07	5484-5492'	4 JSPF	32 holes
07/02/07	5270-5280'	4 JSPF	40 holes
07/02/07	5164-5176'	4 JSPF	48 holes
07/02/07	5129-5138'	4 JSPF	36 holes
07/03/07	5055-5074'	4 JSPF	76 holes
07/03/07	4963-4971'	4 JSPF	32 holes
07/03/07	4704-4709'	4 JSPF	20 holes
07/03/07	4656-4663'	4 JSPF	28 holes
07/05/07	4570-4576'	4 JSPF	24 holes

NEWFIELD**FEDERAL 8-20-9-16**

2133'FNL & 746' FEL

SE/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33107; Lease # UTU-52018

PBTB @ 5880'

SHOE @ 5934'

TD @ 5950'

Federal 9-20-9-16

Spud Date: 6-14-07
Put on Production: 8-23-07

GL: 6095' KB: 6107'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (302.22')

DEPTH LANDED: 313.12' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 156 jts. (6053.98')

DEPTH LANDED: 6067.23' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 165 jts (5188.5')

TUBING ANCHOR: 5200.5' KB

NO. OF JOINTS: 2 jts (62.9')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5266.3' KB

NO. OF JOINTS: 2 jts (62.9')

TOTAL STRING LENGTH: EOT @ 5331.0' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM

SUCKER RODS: 1-6' x 3/4" pony rod, 1-4' x 3/4" pony rod, 100-3/4" guided rods, 82-3/4" sucker rods, 22-3/4" guided rods, 6-1 1/2" weight bars

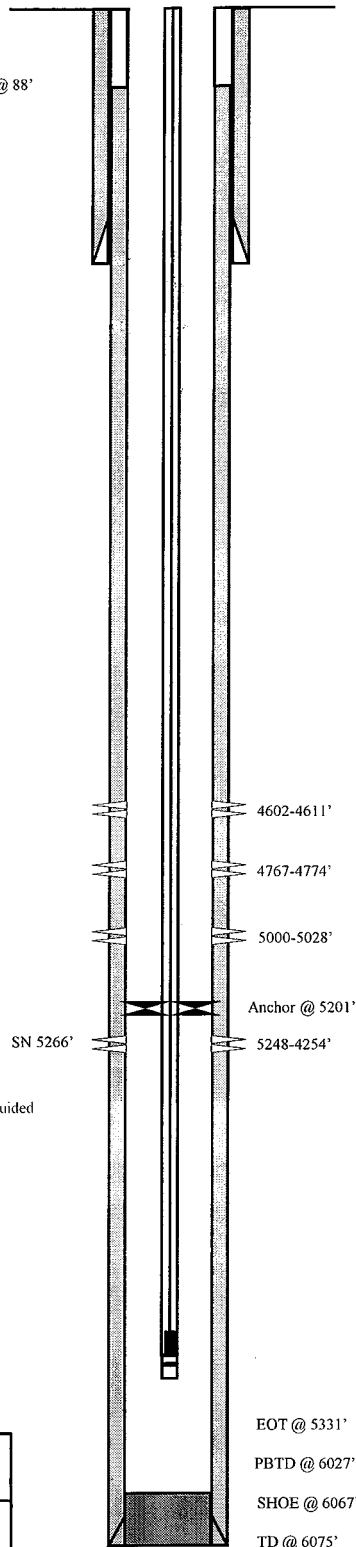
PUMP SIZE: 2-1/2" x 1-1/2" x 18" RHAC

STROKE LENGTH: 120"

PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 88'




Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

08-17-07	5248-5254'	Frac LODC sands as follows: 14994# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2477 psi w/avg rate of 24.8 BPM. ISIP 2540 psi. Calc flush: 5246 gal. Actual flush: 4704 gal.
08-17	5000-5028'	Frac LODC sands as follows: 151355# 20/40 sand in 1050 bbls Lightning 17 frac fluid. Treated @ avg press of 1647 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.
08-17-07	4764-4774'	Frac B.5 sands as follows: 19761# 20/40 sand in 294 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.8 BPM. ISIP 4148 psi. Calc flush: 4762 gal. Actual flush: 3839 gal.
08-17-07	4602-4611'	Frac D2 sand as follows: 45991# 20/40 sand in 435 bbls Lightning 17 frac fluid. Treated @ avg press of 2094 w/ avg rate of 24.8 BPM. ISIP 1850 psi. Calc flush: 4600 gal. Actual flush: 4515 gal.
2/1/2010		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

08-13-07	5248-5254'	4 JSPF	24 holes
08-17-07	5000-5028'	4 JSPF	112 holes
08-17-07	4767-4774'	4 JSPF	28 holes
08-17-07	4602-4611'	4 JSPF	36 holes


Federal 9-20-9-16 2011' FSL & 789' FEL NE/SE Section 20-T9S-R16E Duchesne Co, Utah API # 43-013-33068; Lease # UTU-74391

Federal 10-20-9-16

Spud Date: 7-25-07
 Put on Production: 8-31-07
 GL: 6105' KB: 6117'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303.36')
 DEPTH LANDED: 315.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (5927.26')
 DEPTH LANDED: 5943.51' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 226'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 181 jts (5693')
 TUBING ANCHOR: 5693' KB
 NO. OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5728.4' KB
 NO. OF JOINTS: 2 jts (63.0')
 TOTAL STRING LENGTH: EOT @ 5792.90' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 2-16' 1-4' 1-2' x 3/4" pony sub, 222-3/4' guided rods(103new), 6-1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" x 20 RHAC w/SM plunger
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-29-07 5736-5748' **Frac CP5 sands as follows:**
 45032# 20/40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 2371 psi w/avg rate of 24.7 BPM. ISIP 2395 psi. Calc flush: 5971 gal. Actual flush: 5145 gal.

08-29-07 5002-5040' **Frac LODC sands as follows:**
 89993# 20/40 sand in 694 bbls Lightning 17 frac fluid. Treated @ avg press of 1981 psi w/avg rate of 24.7 BPM. ISIP 2506 psi. Calc flush: 5000 gal. Actual flush: 4507 gal.

08-29-07 4920-4936' **Frac A1 sands as follows:**
 114939# 20/40 sand in 845 bbls Lightning 17 frac fluid. Treated @ avg press of 1896 psi w/avg rate of 24.7 BPM. ISIP 2218 psi. Calc flush: 4918 gal. Actual flush: 4410 gal.

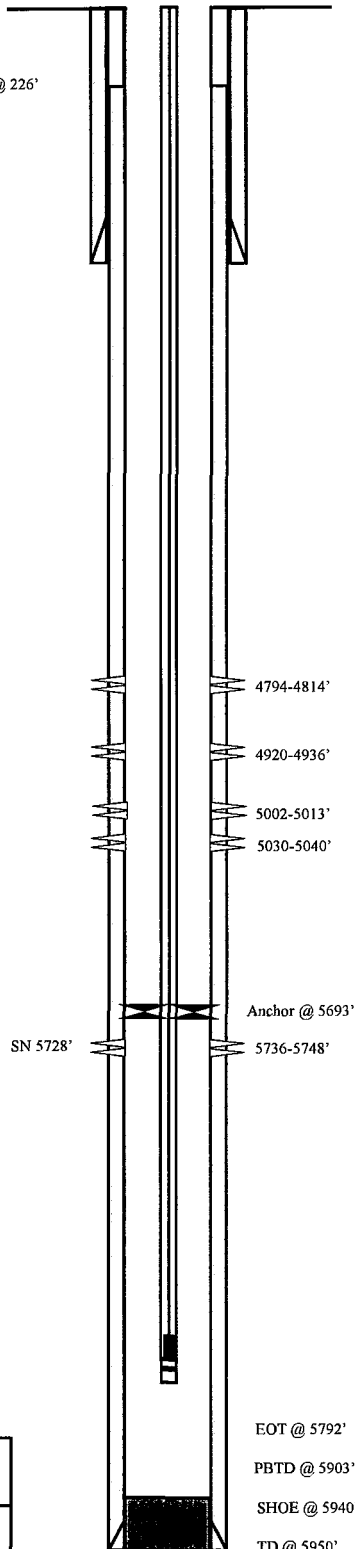
08-29-07 4794-4814' **Frac B2 sand as follows:**
 80966# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 2005 w/ avg rate of 24.7 BPM. ISIP 2205 psi. Calc flush: 4792 gal. Actual flush: 4704 gal.

05/28/08 **Tbg leak.** Updated tubing and rod detail

6/10/2010 **Parted rods.** Update rod and tubing details

PERFORATION RECORD

08-24-07	5736-5748'	4 JSPF	48 holes
08-29-07	5030-5040'	4 JSPF	40 holes
08-29-07	5002-5013'	4 JSPF	44 holes
08-29-07	4920-4936'	4 JSPF	64 holes
08-29-07	4794-4814'	4 JSPF	80 holes



NEWFIELD

Federal 10-20-9-16

2041' FSL & 1892' FEL

NW/SE Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33108; Lease # UTU-74391

Spud Date: 6-13-07
Put on Production: 08-14-07
GL: 6153' KB: 6165'

Federal 15-20-9-16

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.79')
DEPTH LANDED: 323.69' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6043.69')
DEPTH LANDED: 6030.94' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 1137'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 184 jts (5776.0')
TUBING ANCHOR: 5776' KB
NO. OF JOINTS: 1 jts (31.10')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5809.9' KB
NO. OF JOINTS: 2 jts (62.90')
TOTAL STRING LENGTH: EOT @ 5874' KB

SUCKER RODS

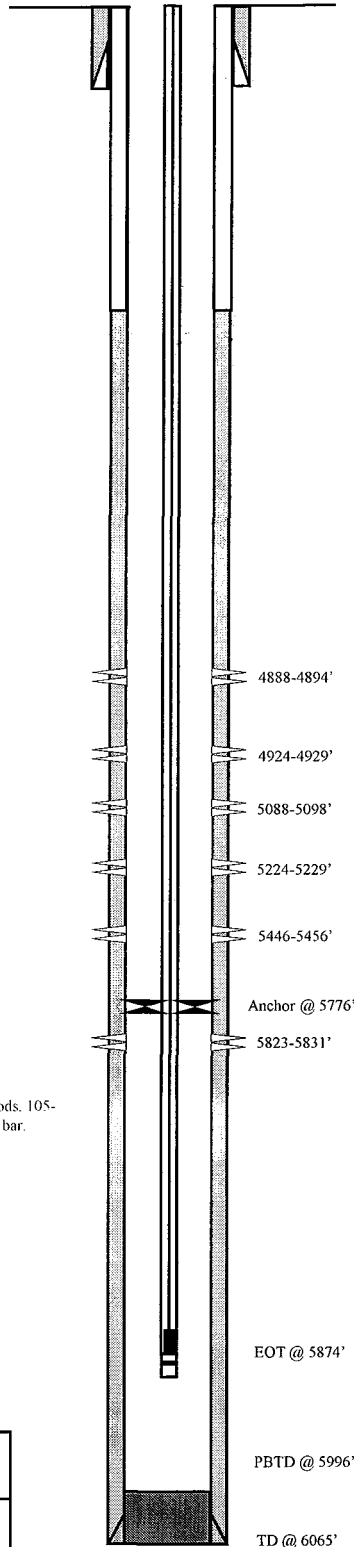
POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-2", 1-6", & 1-8" x 3/4" pony rods, 101-3/4" guided rods, 105-3/4" guided rods, 20-3/4" guided rods, 6-1 1/2" sinker bars, 1" x 4' Sinker bar.
PUMP SIZE: 2-1/2" x 1-1/4" x 14" RHAC w/SM plunger
STROKE LENGTH: 84"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-08-07	5823-5831'	Frac BS sands as follows: 19449# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 2516 psi w/avg rate of 24.8 BPM. ISIP 2815 psi. Calc flush: 5821 gal. Actual flush: 5292 gal.
08-08-07	5446-5456'	Frac CPI sands as follows: 19887# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 2181 psi w/avg rate of 24.8 BPM. ISIP 2290 psi. Calc flush: 5444 gal. Actual flush: 4914 gal.
08-08-07	5224-5229'	Frac LODC sands as follows: 15479# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2849 psi w/avg rate of 24.8 BPM. ISIP 2870 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.
08-08-07	5088-5098'	Frac LODC sand as follows: 29995# 20/40 sand in 397 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 w/ avg rate of 24.8 BPM. ISIP 2430 psi. Calc flush: 5086 gal. Actual flush: 4578 gal.
08-08-07	4888-4929'	Frac A1, & A.5 sand as follows: 31089# 20/40 sand in 391 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 w/ avg rate of 24.8 BPM. ISIP 2255 psi. Calc flush: 4886 gal. Actual flush: 4830 gal. Major workover. Acidized fracs and updated rod and tubing details.
4-10-08		
07/15/11		Pump Change. Rods & tubing updated.

PERFORATION RECORD

08-02-07	5823-5831'	4 JSPF	32 holes
08-08-07	5446-5456'	4 JSPF	40 holes
08-08-07	5224-5229'	4 JSPF	20 holes
08-08-07	5088-5098'	4 JSPF	40 holes
08-08-07	4924-4929'	4 JSPF	20 holes
08-08-07	4888-4894'	4 JSPF	24 holes

**Federal 15-20-9-16**

660' FSL & 1980' FEL

SW/SE Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33105; Lease # UTU-74391

FEDERAL 16-20-9-16

Spud Date: 05/29/07
 Put on Production: 08/21/07
 GL: 6129' KB: 6141'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (295.42')
 DEPTH LANDED: 306.32' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (5977.37')
 DEPTH LANDED: 5978.62' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5410.01')
 TUBING ANCHOR: 5422.01' KB
 NO. OF JOINTS: 1 jts (31.47')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5456.28' KB
 NO. OF JOINTS: 2 jts (63.01')
 TOTAL STRING LENGTH: EOT @ 5520.84' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2" & 1-8" x 7/8" pony rods. 100-3/4" scraped rods,
 92-3/4" plain rods, 20-3/4" scraped rods
 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 18" RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

FRAC JOB

08/13/07 5440-5453' **Frac C1 sands as follows:**
 29557# 20/40 sand in 412 bbls Lightning 17
 frac fluid. Treated @ avg press of 2090 psi
 w/avg rate of 24.5 BPM. ISIP 2215 psi. Calc
 flush: 5438 gal. Actual flush: 4956 gal.

08/16/07 5027-5035' **Frac LODC sands as follows:**
 19063# 20/40 sand in 311 bbls Lightning 17
 frac fluid. Treated @ avg press of 2091 psi
 w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc
 flush: 5025 gal. Actual flush: 4536 gal.

08/16/07 4771-4779' **Frac B1 sands as follows:**
 46260# 20/40 sand in 432 bbls Lightning 17
 frac fluid. Treated @ avg press of 2079 psi
 w/avg rate of 24.8 BPM. ISIP 1940 psi. Calc
 flush: 4769 gal. Actual flush: 4326 gal.

08/16/07 4701-4709' **Frac C sands as follows:**
 108507# 20/40 sand in 795 bbls Lightning 17
 frac fluid. Treated @ avg press of 2113 psi
 w/avg rate of 24.8 BPM. ISIP 1995 psi. Calc
 flush: 4698 gal. Actual flush: 4200 gal.

08/16/07 4596-4604' **Frac D2 sands as follows:**
 44879# 20/40 sand in 429 bbls Lightning 17
 frac fluid. Treated @ avg press of 2001 psi
 w/avg rate of 24.8 BPM. ISIP 1840 psi. Calc
 flush: 4594 gal. Actual flush: 4536 gal.

PERFORATION RECORD

08/07/07 5440-5453' 4 JSPF 52 holes
 08/16/07 5027-5035' 4 JSPF 32 holes
 08/16/07 4771-4779' 4 JSPF 32 holes
 08/16/07 4701-4709' 4 JSPF 32 holes
 08/16/07 4596-4604' 4 JSPF 32 holes

Cement Top @ 343'

4596-4604'

4701-4709'

4771-4779'

5027-5035'

Anchor @ 5422'

5440-5453'

SN 5456'

EOT @ 5760'

PBTD @ 5939'

SHOE @ 5979'

TD @ 6060'

NEWFIELD**FEDERAL 16-20-9-16**

716'FSL & 920' FEL

SE/SE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33109; Lease # UTU-74391

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06
K.B.: 6048' G.L.: 6036'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5640.6')
TUBING ANCHOR: 5652.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5687' KB
NO. OF JOINTS: 1 jts (31.6')
GAS ANCHOR: 5719.7'
SEATING NIPPLE: 2-7/8" (1.2')
NO. OF JOINTS: 3 jts (94.9')
TOTAL STRING LENGTH: EOT @ 5822' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 33'
SUCKER RODS: 1-4" x 3/4", 1 - 6 x 3/4", 1 - 8 x 3/4" pony rod; 99- 3/4" guided rods; 91 - 3/4" sucker rods; 30- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-3/4" x 20" x 24' RHAC w/SM plunger
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5

FRAC JOB

11/22/06 5852-5860' **Frac CP5 sands as follows:**
24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.

11/22/06 5724-5732' **Frac CP4 sands as follows:**
37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.

11/22/06 5482-5502' **Frac CP1 sands as follows:**
56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.

11/24/06 4584-4652' **Frac D1, D2 sands as follows:**
156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.

03/21/07 **Pump Change:** Updated rod and tubing detail.

6/1/2010 **Pump change.** Updated rod and tubing detail.

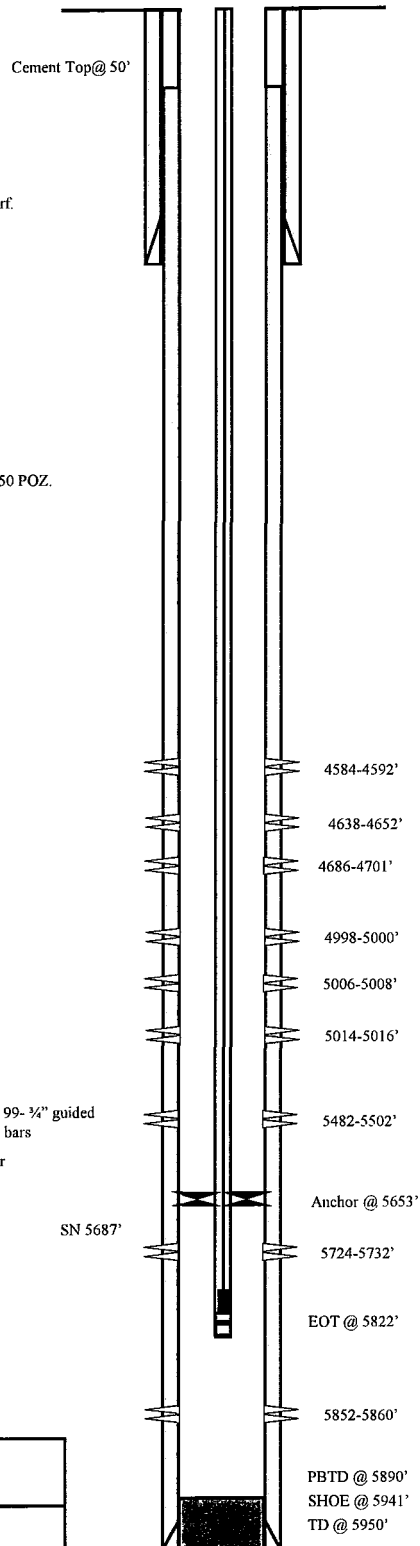
9/7/2010 **Pump change.** Updated rod and tubing detail.

10/22/10 4998-5016' **Frac A3 sands as follows:**
61766# 20/40 sand in 501 bbls Lightning 17 frac fluid.

10/25/10 **Re-Completion**

PERFORATION RECORD

11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes
10/22/10	5014-5016'	3 JSPF	6 holes
10/22/10	5006-5008'	3 JSPF	6 holes
10/22/10	4998-5000'	3 JSPF	6 holes



NEWFIELD

Federal 5-21-9-16

2033' FNL & 551' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33020; Lease # UTU-64379

Monument Federal #22-20

Elev GR - 6097' GL
Elev KB - 6107' KB (10' KB)

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 253.07'
DEPTH LANDED: 263.07' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sks super "G", 2%
CaCl₂, 1/4#/sk Cello-flake.
Returned 10 bbls to pit.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5696.50'
DEPTH LANDED: 5706.50' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 181 sks super "G", 3% seal,
2% gel, 2#/sk Kol-seal, 1/4#/sk
Cello-flake, Tail w/ 400 sks
50/50 POZ, 2% gel, 1/4#/sk
Cello-flake, 2#/sk Kol-seal

CEMENT TOP AT: 1110' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#
NO. OF JOINTS: 144 Jts (4513.91')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.75"
NO. OF JOINTS: 25 Jts (778.60')
SEATING NIPPLE: 2-7/8"x1.10"
PERFORATED SUB: 2-7/8"x4.20"
MLD ANCHOR: 2-7/8"x31.40"
STRING LENGTH: 5342.36'
SN LANDED AT: 5305.26' KB

SUCKER RODS

WELL LAST PULLED: Completion

POLISHED ROD: 1-1/4"x22" SM
SUCKER RODS: 210-3/4"x25" D-61 Plain
1-7/8"x2" Pony w/ 2-1/2" guide
1-1-1/2"x25" K-Bar
1-7/8"x2" Pony w/ 2-1/2" guide

TOTAL STRING LENGTH: 5301'

PUMP NUMBER: Trico #1187
PUMP SIZE: 2-1/2"x1-1/2"x16" RWAC
w/ SM Plunger
STROKE LENGTH: 72 inches
PUMP SPEED, SPM: 4.2 spm
PUMPING UNIT SIZE: Lufkin C16D-173-74
SN: E100070M458691
PRIME MOVER: Ajax E-30, 7-1/4"x6"
SN: 79966

TANK SIZES & NUMBERS: 2-400 bbl Natco 12"x20"
TANK #1 SN: 8D-16101-03
TANK #2 SN: 8D-16101-02

ACID JOB / BREAKDOWN

8/20/96	5273'-5277'	BJ Services: 2058 gal 2% KCL water w/ 32 ball sealers. Ball action but no ball off. ATP= 3000 psi, ATR= 3.5 bpm, ISIP= 1920 psi.
8/22/96	4961'-4965' 4972'-4977'	BJ Services: 1806 gal 2% KCL water w/ 28 ball sealers. Balled off. ATP= 2200 psi, ATR= 4.0 bpm, ISIP= 1500 psi.
8/22/96	5015'-5025'	BJ Services: 2100 gal 2% KCL water w/ 40 ball sealers. Balled off. ATP= 2600 psi, ATR= 3.6 bpm, ISIP= 1500 psi.
8/22/96	5073'-5076' 5094'-5098' 5115'-5119'	BJ Services: 2394 gal 2% KCL water w/ 44 ball sealers. Balled off. ATP= 2500 psi, ATR= 4.0 bpm, ISIP= 1300 psi.
8/22/96	5141'-5148' 5151'-5153'	BJ Services: 2436 gal 2% KCL w water w/ 36 ball sealers. Balled off. ATP= 3600 psi, ATR= 3.4 bpm, ISIP= 2100 psi.
8/29/96	4574'-4576'	BJ Services: 1654 gal 2% KCL water w/ 8 ball sealers. Balled off. ATP= 2700 psi, ATR= 4.2 bpm, ISIP= 1560 psi.
8/29/96	4632'-4638'	BJ Services: 1722 gal 2% KCL water w/ 20 ball sealers. Ball action but no ball off. ATP= 3000 psi, ATR= 3.8 bpm, ISIP= 1400 psi.

FRAC JOB

8/21/96	5273'-5277'	BJ Services: 11,214 gal 2% KCL water w/ 5700# 20/40 sand & 10,000# 16/30 sand. ATP= 3500 psi, ATR= 19.8 bpm, ISIP= 2430 psi, 5 min= 2150 psi, 10 min= 2090 psi, 15 min= 2020 psi, 30 min= 1910 psi.
8/23/96	4961'-5153'	BJ Services: 52,626 gal 2% KCL water w/ 52,200# 20/40 sand & 119,780# 16/30 sand. ATP= 2800 psi, ATR= 55.8 bpm, ISIP= 2110 psi, 5 min= 1756 psi, 10 min= 1630 psi, 15 min= 1560 psi, 30 min= 1450 psi.
8/30/96	4574'-4576' 4632'-4638'	BJ Services: 13,398 gal 2% KCL water w/ 36,400# 16/30 sand. ATP= 3500 psi, ATR= 29.8 bpm, ISIP= 1870 psi, 5 min= 1600 psi, 10 min= 1430 psi, 15 min= 1330 psi, 30 min= 1090 psi.

PERFORATION RECORD

8/20/96	Schlumberger	5273'-5277'	4 SPF
8/22/96	Schlumberger	4961'-4965'	2 SPF
		4972'-4977'	2 SPF
		5015'-5025'	2 SPF
		5073'-5076'	2 SPF
		5094'-5098'	2 SPF
		5115'-5119'	2 SPF
		5141'-5148'	2 SPF
		5151'-5153'	2 SPF
8/29/96	Schlumberger	4574'-4576'	4 Holes
		4632'-4638'	10 Holes



Monument Butte
Lease #U-52018

SE NW Section 20, T9S, R16E

1980' FNL, 1980' FWL

Duchesne County, Utah

API # 43-013-31681

NGC Fed. #31-20G-9-16

Spud Date: 1/04/85
Put on Production: 4/08/85
GL: 6051' KB: 6030'

Initial Production: 88 BOPD,
62 MCFPD, 21 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 jts. (319.75')
HOLE SIZE: 12-1/4"
CEMENT DATA: 250 sxs Class "H"

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 LT&C / 15.5#
LENGTH: 74 jts.
CSG SIZE: 5-1/2" / K-55 / 15.5#
LENGTH: 74 jts.
DEPTH LANDED: 6118'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs Lite, tail w/ 570 sxs Class "H"
CEMENT TOP AT: 2450' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
NO. OF JOINTS: 172 jts. (5457.93')
TUBING ANCHOR: 5469.93' KB
NO. OF JOINTS: 2 jts. (62.00')
SN LANDED AT: 1.10' x 2 7/8" (5533.03') KB
NO. OF JOINTS: 1 jt. (31.90')
TOTAL STRING LENGTH: 5564.93' KB

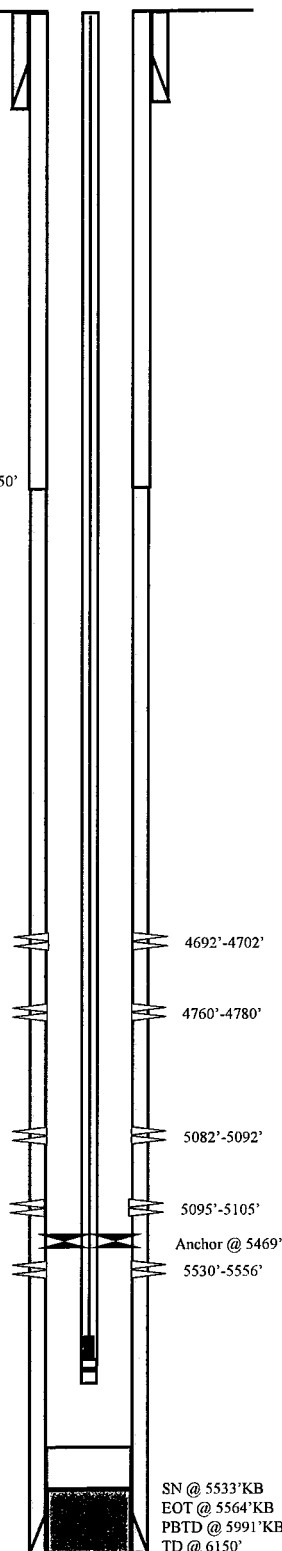
SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
SUCKER RODS: 4 - 1-1/2" weight rods, 154 - 3/4" slick rods, 61 - 7/8" guided rods, 1-4', 1-6', 1-10' x 7/8" pony rods..
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC
STROKE LENGTH:
PUMP SPEED:
LOGS: DIL, LDT-CNL, EPT, LSS, GR, SP, ABCL, CBL

FRAC JOB

3/10/85	5530'-5556'	Frac zone as follows: 120,000# 20/40 sand + 30,000# 12/20 sand in 1263 bbl gel. Average treating pressure 2800 psi at 20 BPM. ISIP 2500 psi. Calc. flush: 5530 gal. Actual flush: 3654 gal. 3/10/85
3/17/85	4760'-4780'	Frac zone as follows: 45,000# 20/40 sand + 12,135# 12/20 sand in 1112 bbl gel. Average treating pressure 3100 psi at 20 BPM. ISIP 1800 psi. Calc. flush: 4760 gal. Actual flush: 1260 gal.
3/26/85	4692'-4702'	Frac zone as follows: 32,000# 20/40 sand + 14,000# 12/20 sand in 581 bbl gel. Average treating pressure 3200 psi at 25 BPM. ISIP 2000 psi. Calc. flush: 4692 gal. Actual flush: 3444 gal.
1/31/98	5082'-5105'	Frac zone as follows: 120,000# 20/40 sand in 489 bbl gel. Average treating pressure 6600 psi at 24.8 BPM. ISIP 4693 psi. Calc. flush: 1317 gal. Actual flush: 1737 gal.

Cement Top@ 2450'

PERFORATION RECORD

3/02/85	5530'-5556'	4 SPF	104 holes
3/13/85	4764'-4780'	4 SPF	64 holes
3/15/85	4760'-4780'	4 SPF	80 holes
3/23/85	4692'-4702'	4 SPF	40 holes
1/30/98	5082'-5092'	4 SPF	40 holes
1/30/98	5095'-5105'	4 SPF	40 holes



NGC Fed. #31-20G-9-16
540' FNL & 1944' FEL
NWNE Section 20-T9S-R16E
Duchesne Co, Utah
API #43-013-31071; Lease #U-52018

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **FED 7-20-9-16**Lab Tech: **Gary Peterson**Sample Point: **Treater**Sample Date: **12/14/2011**Sample ID: **WA-204725**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
Test Date:	12/14/2011	mg/L		mg/L	
System Temperature 1 (°F):	300.00	Sodium (Na):	5228.54	Chloride (Cl):	7200.00
System Pressure 1 (psig):	3000.00	Potassium (K):	0.00	Sulfate (SO ₄):	10.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	14.70	Bicarbonate (HCO ₃):	1805.60
System Pressure 2 (psig):	14.70	Calcium (Ca):	22.40	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
pH:	8.80	Barium (Ba):	2.00	Propionic Acid (C ₂ H ₅ COO)	0.00
Calculated TDS (mg/L):	14369.80	Iron (Fe):	85.50	Butanoic Acid (C ₃ H ₇ COO)	0.00
CO ₂ in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00
H ₂ S in Gas (%):	0.00	Ammonia NH ₃ :	0.00	Bromine (Br):	0.00
H ₂ S in Water (mg/L):	0.50	Manganese (Mn):	1.06	Silica (SiO ₂):	0.00

Notes:

P=0.7mg/l

(PTB = Pounds per Thousand Barrels)

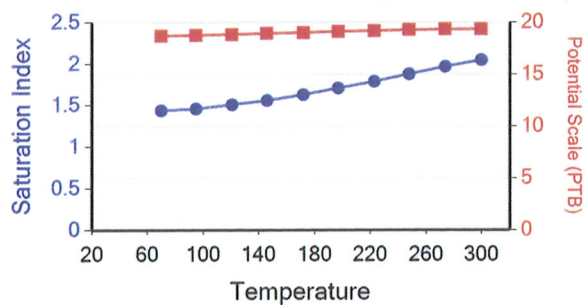
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.44	18.71	0.00	0.00	4.23	0.45	3.79	62.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.46	18.77	0.00	0.00	4.01	0.45	3.92	62.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.51	18.85	0.00	0.00	3.86	0.45	4.03	62.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.56	18.94	0.00	0.00	3.76	0.45	4.14	62.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.63	19.04	0.00	0.00	3.72	0.45	4.23	62.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.71	19.13	0.00	0.00	3.71	0.45	4.32	62.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.79	19.22	0.00	0.00	3.72	0.45	4.39	62.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.88	19.29	0.00	0.00	3.76	0.45	4.45	62.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.97	19.35	0.00	0.00	3.81	0.45	4.48	62.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	2.05	19.40	0.00	0.00	3.87	0.45	4.50	62.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

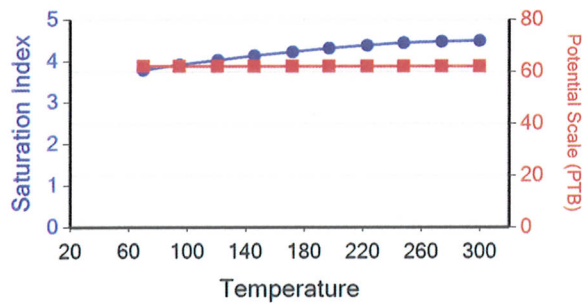
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate

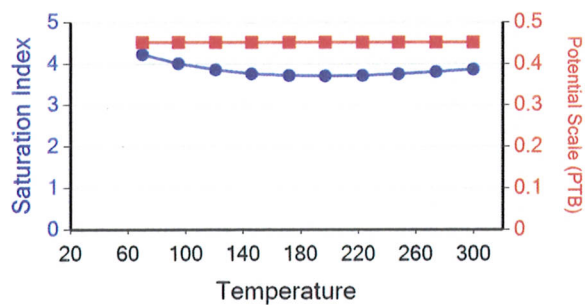
Calcium Carbonate



Iron Carbonate



Iron Sulfide



Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Sales Rep: Darren Betts

Well Name: SWDIF

Lab Tech: John Keel

Sample Point: Comingled

Sample Date: 1/16/2012

Sample ID: WA-205549

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	1/16/2012	Sodium (Na):	3090.28	Chloride (Cl):	4200.00
System Temperature 1 (°F):	300.00	Potassium (K):	12.90	Sulfate (SO ₄):	67.00
System Pressure 1 (psig):	1300.00	Magnesium (Mg):	7.00	Bicarbonate (HCO ₃):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	22.40	Carbonate (CO ₃):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):		Acetic Acid (CH ₃ COO)	0.00
Calculated Density (g/ml):	1.00	Barium (Ba):	9.20	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	6.40	Iron (Fe):	1.70	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	8436.08	Zinc (Zn):	0.40	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.30	Fluoride (F):	
Dissolved CO ₂ (mg/L):	99.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):		Manganese (Mn):	0.10	Silica (SiO ₂):	
H ₂ S in Water (mg/L):	30.00				

Notes:

P=.6

(PTB = Pounds per Thousand Barrels)

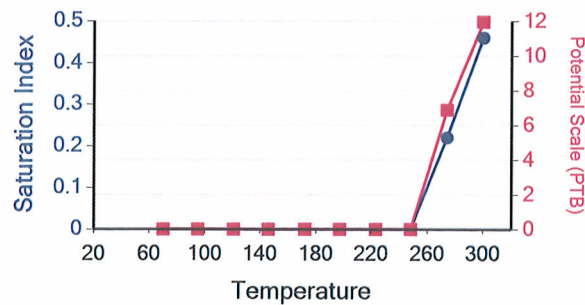
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	1.61	5.33	1.38	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04	0.21
95	157	0.00	0.00	1.38	5.23	1.22	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.58	0.21
121	300	0.00	0.00	1.20	5.10	1.23	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.30	0.21
146	443	0.00	0.00	1.07	4.97	1.29	0.89	0.12	0.30	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.21
172	585	0.00	0.00	0.98	4.85	1.39	0.90	0.32	0.64	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.21
197	728	0.00	0.00	0.92	4.76	1.52	0.91	0.51	0.85	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.21
223	871	0.00	0.00	0.89	4.70	1.68	0.92	0.70	0.99	0.00	0.00	0.00	0.00	0.00	0.00	7.71	0.21
248	1014	0.00	0.00	0.88	4.69	1.87	0.93	0.89	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.65	0.21
274	1157	0.22	6.88	0.88	4.70	2.07	0.93	1.07	1.13	0.00	0.00	0.00	0.00	0.00	0.00	7.63	0.21
300	1300	0.46	11.97	0.91	4.74	2.30	0.93	1.25	1.17	0.00	0.00	0.00	0.00	0.00	0.00	7.62	0.21

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.32	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.53	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.51	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.82	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.09	8.56	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.17	8.36	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.21	8.19	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.23	8.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00

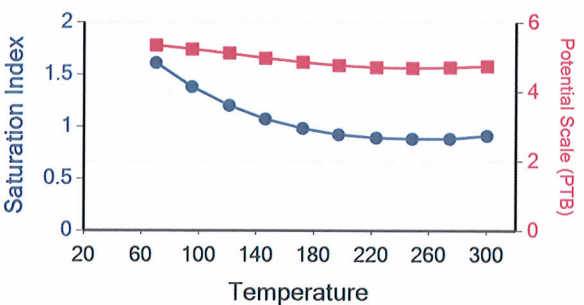
These scales have positive scaling potential under initial temperature and pressure: Barium Sulfate Iron Sulfide Zinc Sulfide Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

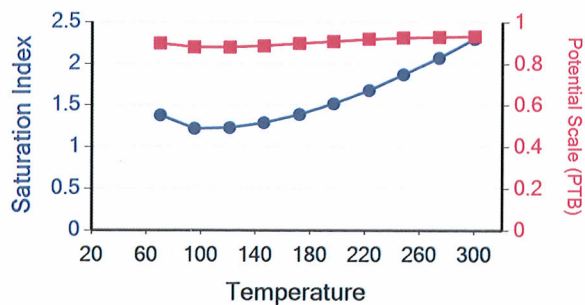
Calcium Carbonate



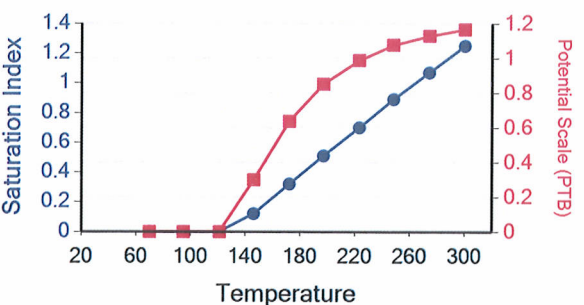
Barium Sulfate



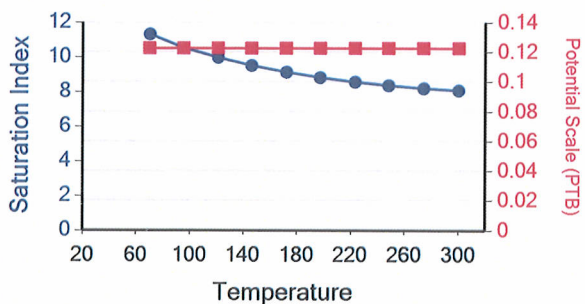
Iron Sulfide



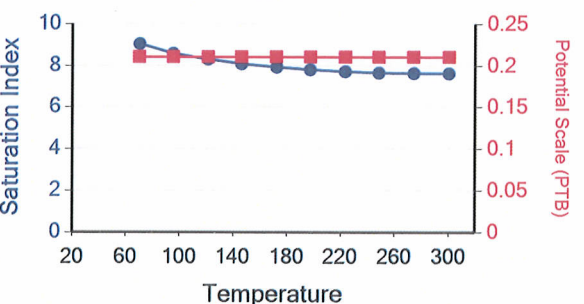
Iron Carbonate



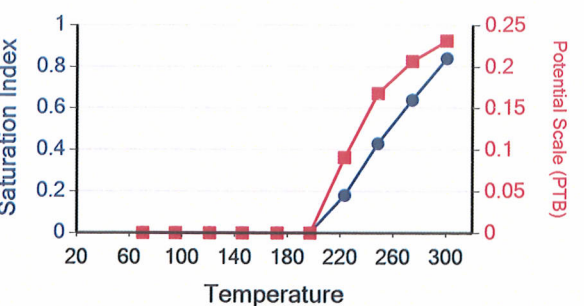
Lead Sulfide



Zinc Sulfide



Zinc Carbonate



Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
5 of 5

multi-chem®
A HALLIBURTON SERVICE

Attachment "G"

**Federal #7-20-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5279	5290	5285	2284	0.87	2250
5030	5038	5034	2143	0.86	2110
4946	4957	4952	2238	0.89	2206
4655	4668	4662	1948	0.85	1918
				Minimum	<u>1918</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 * \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

1 of 8



WELL NAME: Federal 7-20-9-16 Report Date: 7/4/2007 Day: 1
Operation: Completion Rig: Rigless

Surf Csg: 8-5/8' @ 319' Prod Csg: 5-1/2" @ 5886' Csg PBDT: 5847' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT:

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LODC sds	5279-5290'	4/44			

Date Work Performed: 7/3/2007 **SITP:** **SICP:** 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5847' & cement top @ 48'. Perforate stage #1, LODC sds @ 5279-90' w/ 3-1/8" Slick Guns (19 gram, .49" HE. 120) w/ 4 spf for total of 44 shots. 140 bbls EWTR. SIFN.

Starting fluid load to be recovered: <u>140</u> Fluid <u>lost</u> /recovered today: _____ Ending fluid to be recovered: <u>140</u> IFL: _____ FFL: _____ FTP: _____	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: _____	Final Fluid Rate: _____ Final oil cut: _____
--	--	---

Base Fluid used: _____ Job Type: _____
 Company: _____
 Procedure or Equipment detail: _____

Weatherford BOP	\$540
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$5,865
Drilling cost	\$264,857
D&M Hot Oil	\$473
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervision	\$300

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
 Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
 ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Don Dulen

DAILY COST:	\$279,135
TOTAL WELL COST:	\$279,135

WELL NAME: Federal 7-20-9-16 Report Date: 7/10/2007 Day: 2a
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 319' Prod Csg: 5-1/2" @ 5886' Csg PBDT: 5847' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT:

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
LODC sds	5279-5290'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/9/2007 **SITP:** **SICP:** 10

Day 2a. Stage #1, LODC sds

RU BJ Services. 10 psi on well. Frac LODC sds w/ 29,554#s of 20/40 sand in 370 bbls of Lightning 17 fluid. Broke @ 2750 psi. Treated w/ ave pressure of 1987 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2284 psi. Leave pressure on well. 370 BWTR. See Day 2b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>140</u> Fluid <u>lost</u> /recovered today: <u>370</u> Ending fluid to be recovered: <u>510</u> IFL: FFL: FTP:	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: Final Fluid Rate: Final oil cut:	
---	---	--

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
Company: BJ Services

Procedure or Equipment detail: LODC sands

1554 gals to Techni-Hib & crosslink

2400 gals of pad

1875 gals W/ 1-4 ppg of 20/40 sand

4461 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4746 gals of slick water

COSTS

BJ Services LODC	\$20,617
------------------	----------

CD wtr & trucking	\$840
-------------------	-------

NPC fuel gas	\$105
--------------	-------

NPC Supervision	\$75
-----------------	------

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2387 Max Rate: 24.8 BPM Total fluid pmpd: 370 bbls

Avg TP: 1987 Avg Rate: 24.7 BPM Total Prop pmpd: 29,554#'s

ISIP: 2284 5 min: 10 min: FG: .87

Completion Supervisor: Don Dulen

DAILY COST:	\$21,637
--------------------	----------

TOTAL WELL COST: \$300,772



DAILY COMPLETION REPORT

WELL NAME: Federal 7-20-9-16

Report Date: 7/10/2007

Day: 2b

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8" @ 319'

Prod Csg: 5-1/2" @ 5886'

Csg PBTD: 5847' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

CBP @ 5140'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5030-5038'	4/32			
LODC sds	5279-5290'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/9/2007

SITP: SICP: 1740

Day 2b. Stage #2, LODC sds

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun Set plug @ 5140'. Perforate LODC sds @ 5030-38' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP. 3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1930 psi on well. Perfs would not break. RU Lone Wolf WL. Dump bail acid on perfs. RU BJ Services. 1740 psi on well Frac LODC sds w/ 24,274#'s of 20/40 sand in 368 bbls of Lightning 17 fluid. Broke @ 2156 psi. Treated w/ ave pressure of 2044 psi @ ave rate of 24.7 BPM Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2143 psi. Leave pressure on well. 368 BWTR. See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 510

Starting oil rec to date:

Fluid lost/recovered today: 368

Oil lost/recovered today:

Ending fluid to be recovered: 878

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: LODC sands

2016 gals to Techni-Hib & crosslink

2500 gals of pad

1915 gals W/ 1-4 ppg of 20/40 sand

3964 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4557 gals of slick water

BJ Services LODC \$6,947

CD wtr & trucking \$680

NPC fuel gas \$85

Lone Wolf WL \$3,269

NPC Supervision \$75

Weatherford tools \$2,525

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2348 Max Rate: 24.8 BPM Total fluid pmpd: 368 bbls

Avg TP: 2044 Avg Rate: 24.7 BPM Total Prop pmpd: 24,274#'s

ISIP: 2143 5 min: 10 min: FG: .86

Completion Supervisor: Don Dulen

DAILY COST: \$13,581

TOTAL WELL COST: \$314,353



4 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 7-20-9-16

Report Date: 7/10/2007

Day: 2c

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8" @ 319'
Tbg: Size: Wt:Prod Csg: 5-1/2" @ 5886'
Grd: Pkr/EOT @:Csg PBTD: 5847' WL
BP/Sand PBTD:
CBP @ 5010', 5140'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A3 sds	4946-4957'	4/44			
LODC sds	5030-5038'	4/32			
LODC sds	5279-5290'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/9/2007

SITP: SICP: 89

Day 2c. Stage #3, A3 sds

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 11' perf gun. Se plug @ 5010'. Perforate A3 sds @ 4946-57' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 89 psi on well. Perfs would not break. RU Lone Wolf WL. Dump bail acid on perfs. RU BJ Services. 76 psi on well Frac A3 sds w/ 40,017#'s of 20/40 sand in 427 bbls of Lightning 17 fluid. Broke @ 2935 psi. Treated w/ ave pressure of 1862 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2238 psi. Leave pressure on well. 427 BWTR. See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 878 Starting oil rec to date:
 Fluid lost/recovered today: 427 Oil lost/recovered today:
 Ending fluid to be recovered: 1305 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A3 sands

1986 gals to Techni-Hib & crosslink

3200 gals of pad

2500 gals W/ 1-5 ppg of 20/40 sand

5355 gals W/ 5-8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4389 gals of slick water

BJ Services A3	\$9,348
CD wtr & trucking	\$1,120
NPC fuel gas	\$140
Lone Wolf WL	\$4,495
NPC Supervision	\$75
Weatherford tools	\$2,525

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2340 Max Rate: 24.8 BPM Total fluid pmpd: 427 bbls

Avg TP: 1862 Avg Rate: 24.7 BPM Total Prop pmpd: 40,017#'s

ISIP: 2238 5 min: 10 min: FG: .88

Completion Supervisor: Don Dulen

DAILY COST: \$17,703
 TOTAL WELL COST: \$332,056

5 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 7-20-9-16

Report Date: 7/10/2007

Day: 2d

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 319'
Tbg: Size: Wt:Prod Csg: 5-1/2" @ 5886'
Grd: Pkr/EOT @:Csg PBTD: 5847' WL
BP/Sand PBTD: 4770'
CBP @ 5010', 5140'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4655-4668'	4/52			
A3 sds	4946-4957'	4/44			
LODC sds	5030-5038'	4/32			
LODC sds	5279-5290'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/9/2007

SITP: SICP: 1600

Day 2d. Stage #4, D3 sds

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 13' perf gun. Se plug @ 4770'. Perforate D3 sds @ 4655-68' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1600 psi on well. Frac D3 sds w/ 48,763#'s of 20/40 sand in 45C bbls of Lightning 17 fluid. Broke @ 4031 psi. Treated w/ ave pressure of 1737 psi @ ave rate of 24.8 BPM. Open wel to pit for immediate flowback @ 1 bpm. Well flowed for 3 hrs. & died. Recovered 160 bbls water. MIRU NC #1. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1305 Starting oil rec to date:
 Fluid lost/recovered today: 290 Oil lost/recovered today:
 Ending fluid to be recovered: 1595 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: D3 sands
 1848 gals to Techni-Hib & crosslink
 3800 gals of pad
 2625 gals W/ 1-5 ppg of 20/40 sand
 5250 gals W/ 5-8 ppg of 20/40 sand
 799 gals W/ 8 ppg of 20/40 sand
 Flush W/ 4578 gals of slick water

Max TP: 1927 Max Rate: 24.8 BPM Total fluid pmpd: 450 bbls
 Avg TP: 1737 Avg Rate: 24.8 BPM Total Prop pmpd: 48,763#'s
 ISIP: 1948 5 min: 10 min: FG: .85

Completion Supervisor: Don Dulen

COSTS

BJ Services D3	\$23,724
CD wtr & trucking	\$1,360
NPC fuel gas	\$170
Lone Wolf WL	\$5,313
NPC Supervision	\$75
Weatherford tools	\$2,525
NC #1	\$1,236
UniChem Chemicals	\$400
NPC surface equip.	\$130,000
Monk's pit reclaim	\$1,800
Meacham Construction	\$13,500
NDSI water disposal	\$3,000
NPC location cleanup	\$300
DAILY COST:	\$183,403
TOTAL WELL COST:	\$515,459



DAILY COMPLETION REPORT

WELL NAME: Federal 7-20-9-16
 Operation: Completion

Report Date: 7/11/2007

Day: 3

Rig: NC#1

WELL STATUS

Surf Csg: 8-5/8' @ 319' Prod Csg: 5-1/2" @ 5886' Csg PBTD: 5847' WL
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4655-4668'	4/52			
A3 sds	4946-4957'	4/44			
LODC sds	5030-5038'	4/32			
LODC sds	5279-5290'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/10/2007

SITP: SICP:

6:30AM OWU, N/D 10,000 BOP & Frac Flng, N/U 3,000 Flng & 5,000 BOP, P/U & RIH W/-4 3/4 Bit, Bit Sub & 151 Jts Tbg To Plg @ 4770', Drill Up Plg, Swvl I/Hle To Fill @ 4939', C/Out To Plg @ 5010', Drill Up Plg, Swvl I/Hle To Fill @ 5087', C/Out To Plg @ 5140', Drill Up Plg, Swvl I/Hle To Fill @ 5722', C/Out To PBTD @ 5879', Curc Well Clean, 30 Min, R/D Swvl, POOH W/-4 Jts Tbg EOB @ 5751', 6:30PM C/SDFN. Lost 22 Bbls Wtr For Day.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1595 Starting oil rec to date:
 Fluid lost/recovered today: 22 Oil lost/recovered today:
 Ending fluid to be recovered: 1617 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

TUBING DETAIL

ROD DETAIL

COSTS

		NC#1	\$5,448
		NPC Supervision	\$300
		Weatherford BOP	\$225
		B&L J-55 Tbg	\$28,760
		NDSI Wtr Trucking	\$400
		NPC Trucking	\$900
		CDI-pmp-T/A-S/N	\$2,055
		Mtn West Sanitation	\$600
		Nabors Pwr Swvl	\$850
		ML Trucking	\$660
		Wash Head Rubber	\$475
		ZHO	\$620

DAILY COST: \$41,293

Completion Supervisor: Duane Freston.

TOTAL WELL COST: \$556,752



7 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 7-20-9-16

Report Date: 7/12/2007

Day: 4

Operation:	Completion
-------------------	-------------------

Rig: NC#1

WELL STATUS

Surf Csg:	<u>8-5/8'</u>	@	<u>319'</u>	Prod Csg:	<u>5-1/2"</u>	@	<u>5886'</u>	Csg PBDT:	<u>5879'</u>
Tbg:	Size: <u>2 7/8"</u>		Wt: <u>6.5#</u>	Grd:	<u>J-55</u>	Pkr/EOT @:		BP/Sand PBDT:	<u>5879'</u>

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
D3 sds	4655-4668'	4/52			
A3 sds	4946-4957'	4/44			
LODC sds	5030-5038'	4/32			
LODC sds	5279-5290'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/11/2007

SITP: **SICP:**

6:30AM OWU, R/U Swab, RIH IFL @ Surf, Made 14 Swab Runs Recvrd 165 BbIs Wtr, Lite Trce Oil, Lite Trce Sanc
FFL @ 1900', R/D Swab, RIH W/-4 Jts Tbg To Fill @ 5873', 6' Of New Fill, R/U R/pmp & C/Out To PBTD @ 5879'
Curc Well Clean, POOH W/-188 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 166 Jts
Tbg, SWI, 6:00PM C/SDFN, 6:00PM. Lost 51 BbIs Wtr On C/Out To PBTD, Recvrd 165 BbIs Wtr Swabbing, Tota
Recovery For Day = 114 BbIs.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>1617</u> Fluid lost/ <u>recovered</u> today: <u>114</u> Ending fluid to be recovered: <u>1503</u> IFL: Surf FFL: 1900' FTP:	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____
--	---

TUBING DETAIL

ROD DETAIL

COSTS

[illegible]

DAILY COST: \$5,683

TOTAL WELL COST: \$562,435

Completion Supervisor: Duane Freston.



8 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 7-20-9-16

Report Date: 7/13/2007

Day: 5

Operation: Completion

Rig: NC#1

WELL STATUS

Surf Csg: 8-5/8' @ 319' Prod Csg: 5-1/2" @ 5886' Csg PBTD: 5879'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5350.57' BP/Sand PBTD: 5879'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4655-4668'	4/52			
A3 sds	4946-4957'	4/44			
LODC sds	5030-5038'	4/32			
LODC sds	5279-5290'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/12/2007

SITP: SICP:

6:30AM OWU, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD, R/U R / pmp & Flsh Tbg W/-60 Bbls Wtr, P/U & RIH W/-CDI-2 1/2x1 1/2x12x16' RHAC & ROD String Shown Below. Seat pmp, R/U Unit, Stroke Unit & Tbg To 800 Psi Good Test. R/D Rig, POP @ 1:30PM, 85" SL, 5 SPM, (Final Report).

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1503 Starting oil rec to date:
 Fluid lost/recovered today: 0 Oil lost/recovered today:
 Ending fluid to be recovered: 1503 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

TUBING DETAIL

KB	= 12.0
166	Jts Tbg = 5239.44
T/A	= 2.80 @ 5251.44 KB
1	Jt Tbg = 31.60
S/N	= 1.10 @ 5285.84 KB
2	Jts Tbg = 63.18
N/C	= .45 2 5350.57 KB

ROD DETAIL

1 1/2x26' Polish Rod
3/4X2'-6'-8' Ponys
90-3/4x25' Guided Rods
94-3/4x25' Slick Rods
20-3/4x25' Guided Rods
6-1 1/2x25' Wt Bars
CDI-2 1/2x1 1/2x12x16'
RHAC.

COSTS

NC#1	\$2,786
NPC Supervision	\$300
Weatherford BOP	\$225
A/Grade Rod String	\$13,873
NPC Frac Tnks 7x8 Dys	\$2,240
NPC Swab Tnk 1x3 Dys	\$120
NDSI H/Oiler C/Up	\$350
NPC Frac Head	\$500

DAILY COST: \$20,394

TOTAL WELL COST: \$582,829

Completion Supervisor: Duane Freston.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4605'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 163' balance plug using 19 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 369'

The approximate cost to plug and abandon this well is \$42,000.

Federal 7-20-9-16

Spud Date: 6-6-07
Put on Production: 8-12-05
GL: 6078' KB: 6090'

Initial Production: BOPD,
MCFD, BWPD

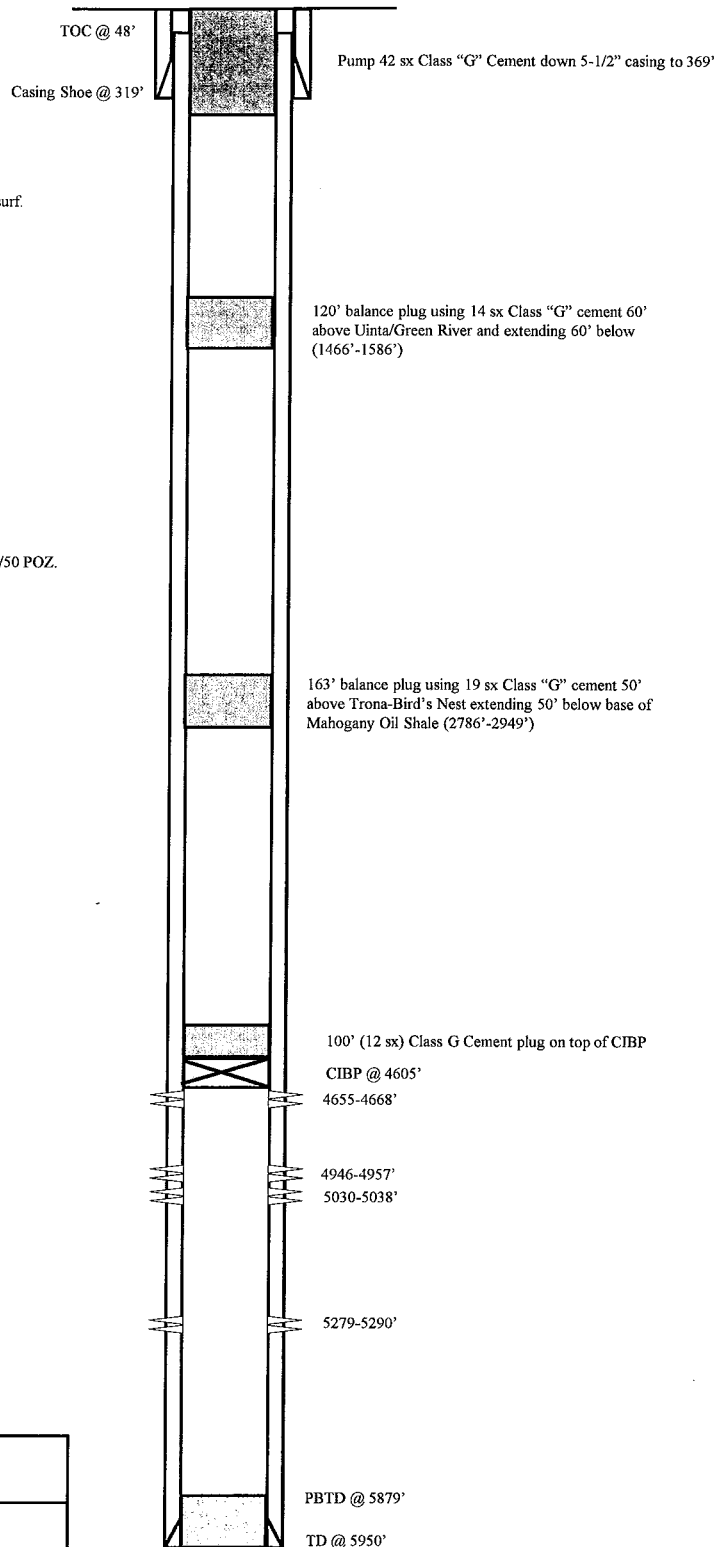
Propose P&A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (306.9')
DEPTH LANDED: 318.75' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 1343 jts. (5918.61')
DEPTH LANDED: 5931.86' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 48'



NEWFIELD
Federal 7-20-9-16
2098' FNL & 1961' FEL
SW/NE Section 20-T9S-R16E
Duchesne Co, Utah
API #43-013-33106; Lease #UTU-52018

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2098 FNL 1961 FEL

SWNE Section 20 T9S R16E

5. Lease Serial No.

USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

FEDERAL 7-20-9-16

9. API Well No.

4301333106

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jill Loyle

Signature

Title

Regulatory Technician

Date

02/09/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30594

West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East
API 43-013-33463

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33106

Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East
API 43-013-32598

Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33105

Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33167

Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33338

Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33342

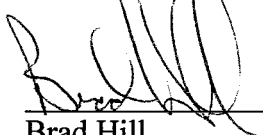
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

**CASTLE PEAK STATE 43-16, WEST POINT FEDERAL 4A-18-9-16,
FEDERAL 13-18-9-16, FEDERAL 7-20-9-16, FEDERAL 11-20-9-16,
FEDERAL 15-20-9-16, FEDERAL 15-22-9-16,
FEDERAL 9-24-9-16, FEDERAL 13-24-9-16**

Cause No. UIC-387

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

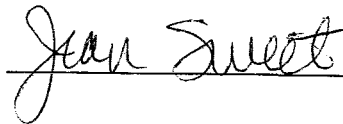
Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: <jsweet@utah.gov>
Date: 2/23/2012 12:02 PM
Subject: Legal Notice

It will be published Feb. 28, 2012.
Thank you.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Stowe, Ken" <kstowe@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 2/23/2012 12:36 PM
Subject: Proof for Public Notice
Attachments: OrderConf.pdf

AD# 770992
Run SL Trib & Des News 2/27/12
Cost \$250.28
Please advise of any changes or reply with OK to publish
Thank You
Ken

Order Confirmation for Ad #0000770992-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BO SALT LAKE CITY, UT 84114

Fax 801-359-3940
Email earlenerussell@utah.gov

Ordered By Jean
Acct. Exec kstowe

Total Amount \$250.28

Payment Amt \$0.00

Amount Due	\$250.28	Tear Sheets	Proofs	Affidavits
	0	0	1	

Payment Method **PO Number** UIC 387

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 73 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/27/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/27/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/27/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/27/2012	

Ad Content Proof Actual Size

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30594

West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East
API 43-013-33463

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33106

Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East
API 43-013-32598

Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33105

Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33167

Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33338

Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33342

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
770992

UPAXLP

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIA One

Deseret News

PROOF OF PUBLICATION
MAR 09 2012

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	2/28/2012

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000770992 /
SCHEDULE	
Start 02/27/2012	End 02/27/2012
CUST. REF. NO.	
UIC 387	
CAPTION	
PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
73 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
250.28	

PUBLIC NOTICE
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-387
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II Injection wells:
Greater Monument Butte Unit:
Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30594
West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East
API 43-013-33463
Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32999
Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33106
Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East
API 43-013-32598
Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33105
Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33167
Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33338
Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33342
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.
Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.
Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.
Dated this 21st day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
770992

UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387 IN THE MATTER FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 02/27/2012 End 02/27/2012

SIGNATURE

2/28/2012


VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581489
My Commission Expires
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

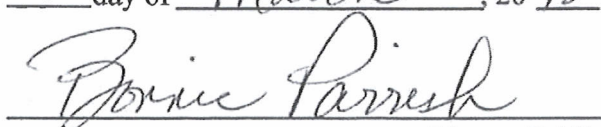
AFFIDAVIT OF PUBLICATION

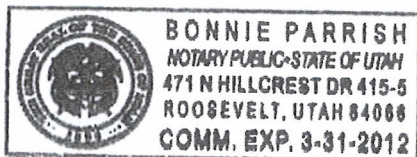
County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 28 day of February, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 28 day of February, 2012, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.


Publisher

Subscribed and sworn to before me this

1 day of March, 2012

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PETROLEUM COMPANY, ADMINISTRATOR, FOR PRODUCTION OF OIL AND GAS FROM THE WELLS LOCATED IN SECTIONS 22, AND 23, T16N, R9E, S16E, SHIP SOUL COUNTY, CLASS II OIL AND GAS WELLS.

THESE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH. THE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH.

THESE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH. THE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH.

THESE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH. THE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH.

THESE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH. THE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH.

THESE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH. THE WELLS ARE LOCATED IN THE NORTHWEST CORNER OF SECTION 22, T16N, R9E, S16E, SHIP SOUL COUNTY, UTAH.

Permitting Manager
Published in the Uintah
Basin Standard February

NOTICE OF PUBLIC HEARING

2012
Date: February 16,
latest edition.
Treasurer, (Circular 570,
Publication of the
Basin Standard February
21 and 28, 2012.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 20, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 7-20-9-16, Section 20, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33106


Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,890 feet in the Federal 7-20-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,


John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 7-20-9-16

Location: 20/9S/16E **API:** 43-013-33106

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 319 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,932 feet. A cement bond log demonstrates adequate bond in this well up to about 3,290 feet. A 2 7/8 inch tubing with a packer will be set at 5,251 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 10 producing wells, 1 temporarily abandoned well, and 1 shut-in well in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 2600 feet. Injection shall be limited to the interval between 3,890 feet and 5,879 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-20-9-16 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,918 psig. The requested maximum pressure is 1,918 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 7-20-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

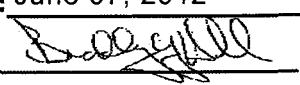
Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 2/23/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 7-20-9-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2098 FNL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 20 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331060000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/11/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>The subject well has been converted from a producing oil well to an injection well on 05/09/2012. On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/2012 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p> </div> <div style="width: 30%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: June 07, 2012</p> <p>By: </p> </div> </div>					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874			
SIGNATURE N/A		TITLE Water Services Technician			
DATE 6/7/2012					

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date 5/11/12 Time 10:00 am pm

Test Conducted by: Trent Harrocks

Others Present: _____

Well: Federal 7-20-9-16

Field: Mandament Butte

Well Location: Fed. 7-20-9-16

API No: 43.013-33106

SW/NE Sec. 20 T9S R16E

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1850</u>	psig
5	<u>1850</u>	psig
10	<u>1850</u>	psig
15	<u>1850</u>	psig
20	<u>1850</u>	psig
25	<u>1850</u>	psig
30 min	<u>1850</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 50 psig

Result: Pass Fail

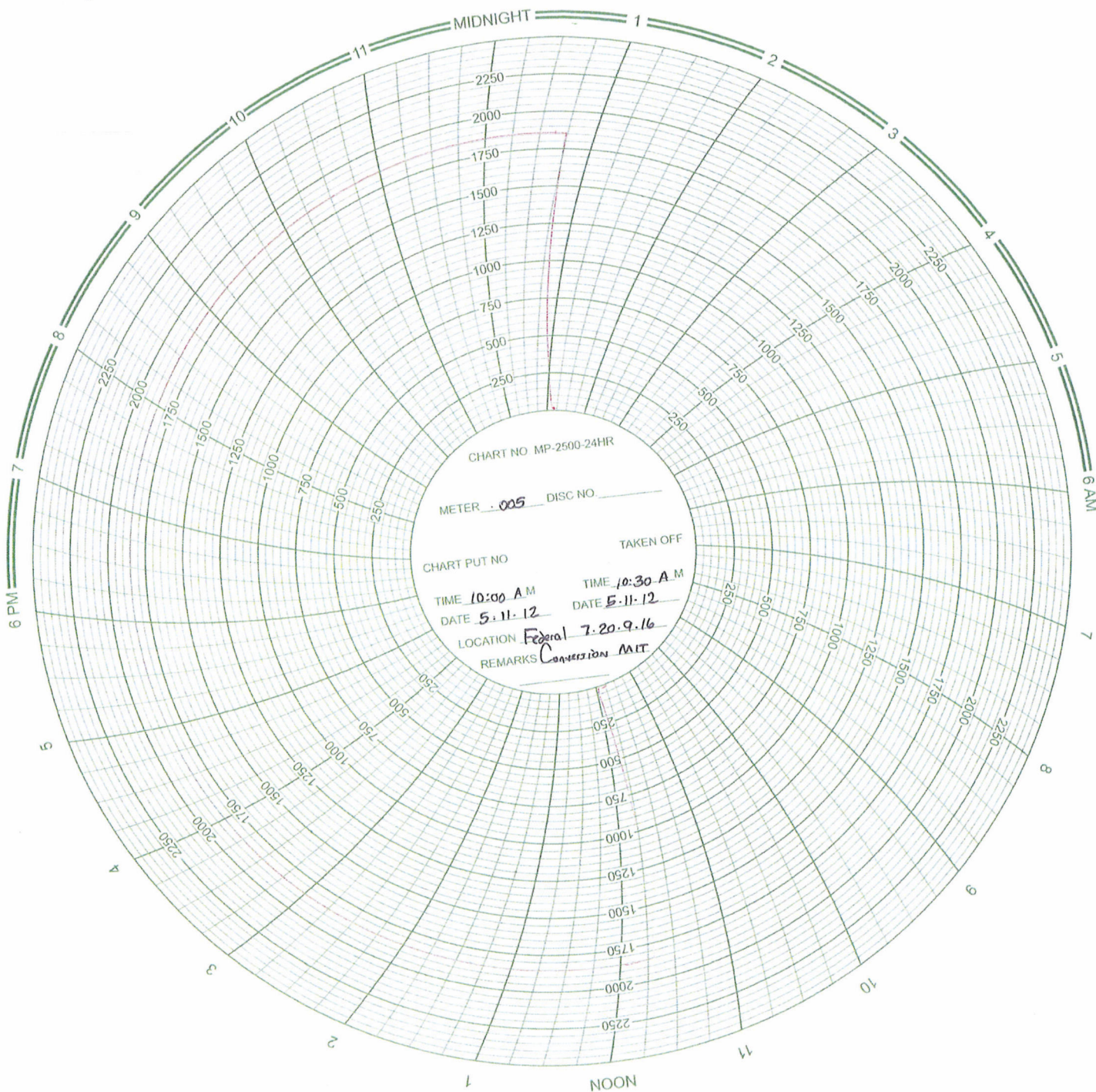
Signature of Witness:

Chris Jensen

Signature of Person Conducting Test:

Trent Harrocks

Sundry Number: 26598 API Well Number: 43013331060000



Daily Activity Report

Format For Sundry

FEDERAL 7-20-9-16

3/1/2012 To 7/30/2012

3/12/2012 Day: 1

Pump Change

NC #2 on 3/12/2012 - MIRUSU, POOH W/- Rods, Tag Fill, TIH W/- New Pmp - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. - Move From The Fed 3-28-9-16 To The Fed 7-20-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 12 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 1- 4', 1- 8' x 3/4" Pony Subs, 90- 3/4" Guided Rods, 84- 3/4" Plain Rods, 30- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 1- 1" x 4' Guided Stabilizer Sub, Rod Pmp, Flush Rods W/- 20 Bbls On TOH, R/U Sandline, Tag PBD @ 5879', No New Fill, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/4 x 13 x 16' RHAC CDI Rod Pmp (Max STL 133"), TIH W/- Pmp, & Rod String As Shown Above, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 10 Bbls Wtr To Fill, PWOP @ 7:30 PM, 74" STL, 5 SPM. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$6,741

5/17/2012 Day: 2

Conversion

NC #1 on 5/17/2012 - Dorp SV, P/Test Tbg To 3000 Psi, Good Tst, Fish SV, N/D BOP, N/U W/HD, pmp Pkr Fluid, N/D W/HD, Set Pkr, N/U W/HDP/Tst Csg & Pkr To 1500 Psi, Good Tst. R/D Rig, Well Ready For MIT (Final Report) - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73

BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW,

Summary Rig Activity

P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-146 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, L/D 20 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N.C. flushed Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 146 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, pmp 15 BW Pad D/Tbg, Drop SV, Fill Tbg W/-24 BW, P/Test Tbg To 3,000 Psi, Tbg Gained 70 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV, R/D R/Flr, N/D BOP, N/U W/-HD, pmp 73 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg To 1,500 Psi, Good Test, R/D Rig, 1:30PM Move Out, Well Ready For MIT (Final Rig Report). **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$17,215**6/6/2012 Day: 3****Conversion**

Rigless on 6/6/2012 - Conduct initial MIT - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/11/201 the casing was pressured up to 1850 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Finalized

Daily Cost: \$0

Cumulative Cost: \$101,035

Pertinent Files: Go to File List

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #7-20-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-52018
Well Location: QQ SWNE section 20 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []

Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
 Disposal? Yes [] No [X]
 Storage? Yes [] No [X]

Is this application for a new well to be drilled? Yes [] No [X]

If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]

Date of test: _____
API number: 43-013-33106

Proposed injection interval: from 3890 to 5879
Proposed maximum injection: rate 500 bpd pressure 1918 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Lead Date 2/13/12
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-387

Operator: Newfield Production Company
Well: Federal 7-20-9-16
Location: Section 20, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33106
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 20, 2012.
2. Maximum Allowable Injection Pressure: 1,918 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,890' – 5,879')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____


John Rogers
Associate Director

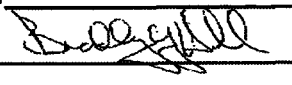
06-14-12
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 7-20-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2098 FNL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 20 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331060000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/20/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> OTHER OTHER: Put on Injection	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 1:30 PM on 06/20/2012.</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: June 28, 2012</p> <p>By: </p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/20/2012	

Federal 7-20-9-16

Spud Date: 6-6-07

Put on Production: 8-12-05

GL: 6078' KB: 6090'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jnts (306.9')

DEPTH LANDED: 318.75' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 1343 jts. (5918.61')

DEPTH LANDED: 5931.86' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 146 jts (4605')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4617' KB

ARROW #1 PKR CE @ 4621.42'

TOTAL STRING LENGTH: EOT @ 4626'

FRAC JOB

7-9-07 5279-5290'

Frac LODC, sands as follows:
29,554# 20/40 sand in 370 bbls Lightning 17 frac fluid. Treated @ avg press of 1987 psi w/avg rate of 24.7 BPM. ISIP 2284 psi. Calc flush: 5277 gal. Actual flush: 4746 gal.

7-9-07 5030-5038'

Frac LODC sands as follows:
24,274# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2044 psi w/avg rate of 24.7 BPM. ISIP 2143 psi. Calc flush: 5028 gal. Actual flush: 4557 gal.

7-9-07 4946-4957'

Frac A3 sands as follows:
40,017# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 1862 psi w/avg rate of 24.7 BPM. ISIP 2238 psi. Calc flush: 4944 gal. Actual flush: 4389 gal.

7-9-07 4655-4668'

Frac D3 sands as follows:
48,763# 20/40 sand in 450 bbls Lightning 17 frac fluid. 24.8 BPM. Calc flush: 4653 gal. Actual flush: 4578 gal.

6/9/09

Stuck Pump. Updated rod & tubing details.

5/26/11

Pump Change. Updated rod and tubing detail.

01/30/12

Parted rods. Updated rod and tubing detail

3/12/12

Pump change: Updated rod & tubing detail

5/9/12

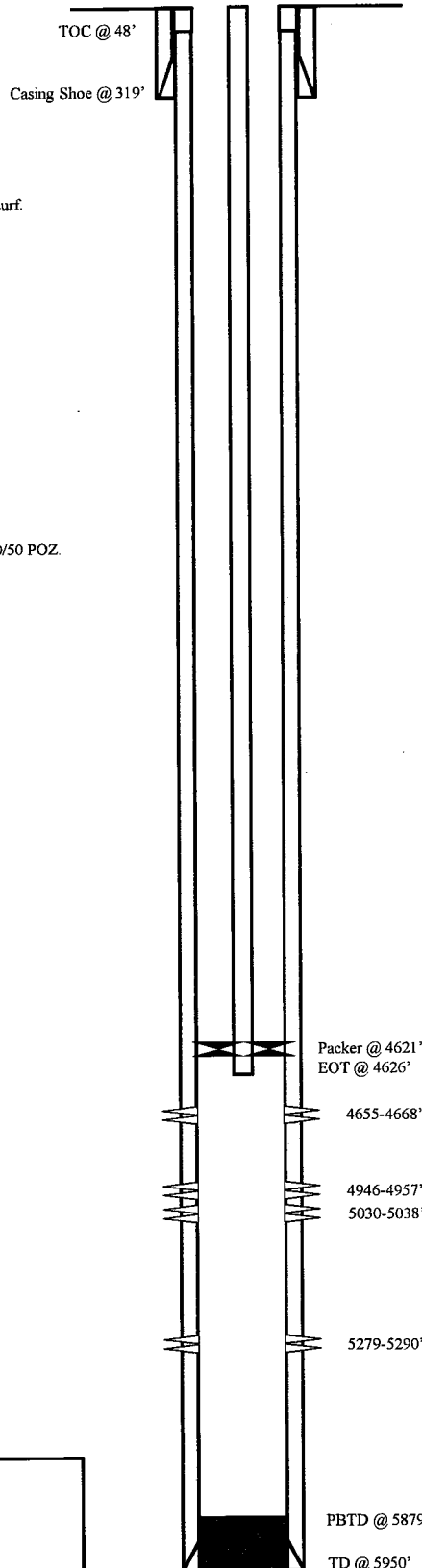
Convert to Injection Well

5/11/12

Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

7-3-07	5279-5290'	4 JSPF	44 holes
7-9-07	5030-5038'	4 JSPF	32 holes
7-9-07	4946-4957'	4 JSPF	44 holes
7-9-07	4655-4668'	4 JSPF	52 holes



Federal 7-20-9-16

2098' FNL & 1961' FEL

SW/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33106; Lease #UTU-52018